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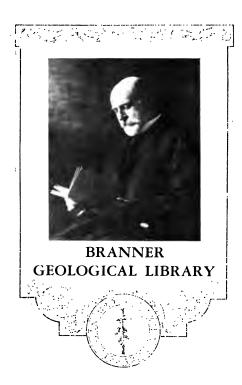
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K PALAEONTOLOGY

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INTERNATIONAL CATALOGUE SCIENTIFIC LITERATURE

FIRST ANNUAL ISSUE

K PALAEONTOLOGY

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PREFACE.

THE INTERNATIONAL CATALOGUE OF SCIENTIFIC LITERATURE, commencing with the literature of the year 1901, is an outgrowth of the Catalogue of Scientific Papers relating to the scientific literature of the nineteenth century, published by the Royal Society of London.

The suggestion to catalogue scientific papers may be traced back to Prof. Henry, of Washington, U.S.A., who brought the subject under the notice of the British Association for the Advancement of Science at its meeting in Glasgow, in 1855. The history of the inception of the enterprise is recorded in the first volume of the Catalogue of Scientific Papers issued by the Royal Society in 1867. Twelve large quarto volumes have been printed in which the titles of papers published during the period 1800–1883 are arranged under authors names. A subject index, which will serve as a key to these volumes and also form an independent record, is, in an advanced state of preparation. A catalogue of the scientific papers published during the period 1884–1900 is now being prepared by the Royal Society of London.

The possibility of preparing a complete index of current scientific literature by international co-operation was first taken into consideration by the Royal Society about the year 1893. It had long been apparent that the work was beyond the resources of the Society, or indeed of any single body. Moreover, it was felt that an authors' catalogue could not supply the required information, and that it was essential that scientific workers should be kept fully and quickly informed of all new discoveries by means of complete subject indexes. International co-operation appeared to be the only means of carrying out such a work with the necessary completeness and rapidity. The Society therefore sought the opinion of a very large number of representative bodies and individuals abroad; and, as the replies were almost uniformly in favour of the work being undertaken by international co-operation, steps were taken to summon an Conference of Delegates appointed by various International Governments.

The Conference took place in London on July 14-17, 1896, and was attended by delegates from Canada, Cape Colony, Denmark, France, Germany, Greece, Hungary, India, Italy, Japan, Mexico, Natal, the Netherlands, New South Wales, New Zealand, Norway, Queensland, Sweden, Switzerland, the United Kingdom, and the United States.

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It was unanimously resolved that it was desirable to compile and publish, by means of an international organisation, a complete Catalogue of Scientific Literature, arranged according both to subject matter and to authors' names, in which regard should be had, in the first instance, to the requirements of scientific investigators, so that these might find out, with a minimum of trouble, what had been published on any particular subject of enquiry.

It was agreed that the material should, as far as possible, be collected in the various countries by local organisations established for the purpose, and that the final editing and publication of the Catalogue should be entrusted to a Central International Bureau, acting under the direction of an International Council. It was agreed

to establish the Central Bureau in London.

Although the question of the method to be adopted in classifying the subject matter of the several sciences was discussed at great length, no decision other than one adverse to the Dewey system was arrived at. The Royal Society was requested to appoint a Committee to take this and many other questions of detail left undecided by the Conference, into consideration.

As the result of the arduous labours of this Committee, complete schedules were prepared for each of the sciences to be catalogued, and a financial statement was also prepared showing the estimated

cost of the Catalogue.

The report of the Committee was considered at a second Conference, held in London on October 11-13, 1898, which was attended by accredited representatives from Austria, Belgium, Cape Colony, France, Germany, Hungary, India, Japan, Mexico, Natal, the Netherlands, New Zealand, Norway, Queensland, Sweden, Switzerland the United Kingdom, and the United States.

At this meeting the conclusions arrived at by the first Conference were generally confirmed, and much progress was made in deciding

the principles to be adopted in preparing the Catalogue.

Full schedules for the several sciences, which had been prepared by the Committee of the Royal Society, were laid before the delegates. Ultimately, after prolonged discussion, it was decided to adopt an arbitrary combined system of letters, numbers, and other symbols, adapted in the case of each branch of science to its particular needs. A Provisional International Committee was appointed to settle authoritatively the details of the schedules.

The financial position was fully discussed, but no definite conclusions could be arrived at. The delegates attending the meeting were requested to obtain further information on the subject in their respective countries, and to report to the Provisional International Committee.

The Provisional International Committee met in London on August 1-5, 1899. The Committee had arranged for the co-option of an Italian and a Russian member, and M. Th. Köppen attended as the representative of Russia.

The reports received from various countries were considered. Schedules for the seventeen branches of science to be included in the Catalogue were approved for adoption. The financial position was again very fully considered, especially in relation to the establishment of the Central Bureau; and it was finally resolved to recommend that

the Royal Society be requested to organise the Central Bureau, and to do all necessary work, so that the preparation of the Catalogue might be commenced in 1901.

Mainly in consequence of representations made by the German Government, in order to reduce the cost of the enterprise the Provisional International Committee agreed to recommend that the Catalogue should at the outset be of a more restricted character than was contemplated by either the first or the second Conference, that is to say, that the issue of a card catalogue should be postponed, and that the number of subject entries should be kept within narrow limits.

A third International Conference was held in London on June 12 and 13, 1900. This was attended by accredited representatives from Austria, Cape Colony, France, Germany, Greece, Hungary, India, Italy, Japan, Mexico, Natal, New Zealand, Norway, Queensland, Switzerland, and the United Kingdom. The report of the Provisional International Committee appointed at the second Conference was considered, and also a detailed scheme for the publication of the Catalogue which had been prepared, at the request of the Committee, by the Royal Society.

The statements made by the delegates of various countries as to the extent to which they were authorised to promise contributions towards the expenses of the Catalogue being satisfactory, it was resolved to take further steps towards the publication of the Catalogue; and for this purpose, pending the appointment of an International Council, the Conference again appointed a Provisional International Committee. This Committee met at the conclusion of the Conference, and afterwards continued its deliberations through the agency of the Royal Society.

All difficulties were finally removed by the Royal Society undertaking to act as the publishers of the Catalogue on behalf of the International Council, thereby giving the necessary legal status to the undertaking, and also to advance the capital required to start the enterprise on the understanding that this should be repaid during the ensuing five years.

The supreme control over the Catalogue is vested in an International Convention. Such a Convention is to be held in London in 1905, in 1910, and every tenth year afterwards, to reconsider, and, if necessary, to revise the regulations for carrying out the work of the Catalogue; but the approved Schedules are not to be altered during the first period of five years. In the interval between two successive meetings of the Convention the administration of the Catalogue is vested in an International Council, the members of which are to be appointed by the Regional Bureaus.

The first meeting of the International Council was held in London on December 12, 1900, when it was decided to commence the preparation of the Catalogue from January 1, 1901. At this meeting an Executive Committee was appointed, consisting of the delegates of the Royal Society and representatives of the four largest subscribers—the United States of America, Germany, France, and Italy.

The materials out of which the Catalogue is formed are to be furnished by Regional Bureaus.

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Regional Bureaus have already been established in Austria, Belgium, Canada, Cape Colony, Denmark, Egypt, France, Great Britain and Ireland, Germany, Greece, Holland, Hungary, Italy, India and Ceylon, Japan, Mexico, New Zealand, New South Wales, Norway, Portugal, Poland, Queensland, Russia, South Australia, Sweden, Switzerland, the United States of America, Victoria, Western Australia, Finland.

The branches of Science to be included in the Catalogue are the

seventeen following:-

A -- Mathematics

B-Mechanics

C-Physics

D—Chemistry

E—Astronomy

F —Meteorology (including Terrestrial Magnetism)

G-Mineralogy (including Petrology and Crystallography)

H-Geology

J —Geography (Mathematical and Physical)

K-Palæontology

L —General Biology

M-Botany

N-Zoology

O-Human Anatomy

P—Physical Anthropology

Q.—Physiology (including experimental Psychology, Pharmacology and experimental Pathology)

R-Bacteriology

Each complete annual issue of the Catalogue thus consists of seventeen volumes. The price at which this set is sold to the public is £18. Individual volumes are sold at prices varying with

their size from about ten to thirty-nine shillings.

A Schedule of Classification and an Index thereto are prefixed to each volume in English, French, German, and Italian. This will not only enable the scientific worker to study the system of classification in the language with which he is most familiar, but also in cases of doubt—e.g. as to the meaning of a word—will enable him to refer to the corresponding entry in another language. Should there be a marked discrepancy among the schedules on any point the English schedule is to be taken as guide, the schedules printed in that language being those which were approved by the International Council.

The various headings and sub-headings throughout the Subject Index are given in English. Translations of the main headings can be found on reference to the schedules in the other languages by means of

the registration numbers that are attached to them.

The entries in the Subject Indexes are in the language of the original paper when that is one of the following five languages: Latin, English, French, German, and Italian. These are the only languages used in the Subject Index, but in case of translation the name of the language of the original is inserted within round brackets.

In the Authors' Catalogue each title is given in the original language. When, however, that language is not one of the five

above mentioned, a translation into one of these five languages is added. In such cases the actual title is printed first, and is followed by the translation within square brackets.

It was provided by the original scheme that the Catalogue should comprise all original contributions to the branches of science which come within its scope, whether these had been published in periodicals, or in the journals of societies, or as independent pamphlets, memoirs, or books.

In order that a scientific investigator might be in a position to ascertain by means of the Catalogue what has from time to time been published concerning each particular subject of inquiry, it was held to be of great importance that not only the titles of papers but their subject matter also should be indexed. As stated above, however, financial considerations have led to the number of subject-entries being at present limited in number. But the expense of making subject-entries would be very greatly reduced if all periodicals adopted a practice already carried out by some journals, namely, that of indexing each paper at the time of its publication. Indeed, were this carefully done, the Bureaus preparing the Catalogue would no longer have to study the contents of papers in order to prepare the subject-entries, and the saving thereby effected would make it possible to enlarge the scope of the Catalogue, until it include all original scientific communications. Seeing how necessary such a complete subject catalogue is for the progress of science, it is hoped that all editors and authors will co-operate in so preparing subject-indexes for all papers at the time of their publication.

INTERNATIONAL CATALOGUE OF SCIENTIFIC LITERATURE.

CENTRAL BUREAU.

34 and 35, Southampton Street,
Strand,
London, W.C.

Director.-H. FORSTER MORLEY, M.A., D.Sc.

REGIONAL BUREAUS.

All communications for the several Regional Bureaus are to be sent to the addresses here given.

- Austria.—Herr Pr. J. Karabaček, Direktor, K. K. Hofbibliothek, Vienna.
- Belgium.—Monsieur Louis Masure, Secrétaire-Général de l'Office International de Bibliographie, Brussels.
- Canada.—Prof. J. G. Adami, McGill College, Montreal.
- Cape Colony.—L. Perinquey, Esq., South African Museum, Cape Town, Cape of Good Hope.
- Denmark.—Dr. Martin Knudsen, Polyteknisk Læranstalt, Copenhagen. K.
- Egypt.—Capt. H. J. Lyons, R.E., Director-General, Survey Department, Cairo.
- Finland.—Herr Hjalmar Lenning, Bibliothekar der Societät der Wissenschaften, Helsingfors.
- France.—Monsieur le Dr. J. Deniker, 8, Rue de Buffon, Paris.
- Germany.—Herr Prof. Dr. O. Uhlworm, Enckeplatz, 3A, Berlin, S.W.
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- Hungary.—Herr Prof. Gustav Rados, viii, Müzeumkorut, Muegyetem, Buda-Pest.
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- Victoria.—Prof. J. W. Gregory, Royal Society of Victoria, Victoria Street, Melbourne.
- Western Australia.—J. S. Battye, Esq., Victoria Public Library, Perth.

INSTRUCTIONS.

The present volume consists of three parts:-

- (a) Schedules and Indexes in four languages.
- (b) An Authors' Catalogue.
- (c) A Subject Catalogue.

The Subject Catalogue is divided into sections, each of which is denoted by a four-figure number between 0000 and 9999. These numbers follow one another in numerical order, but all the 9999 numbers are not used, for it is intended to fill up the gaps by interpolation of such additional sections as may be required for additions to the system of classification in future years.

To enable the reader to find these numbers quickly, the first or last number on the page is repeated at the head of the page. In looking up a subject, these numbers, which are called Registration numbers, should be used instead of the ordinary pagination. These Registration numbers serve to divide up the subject into sections, each of which

deals with related matter.

The Subject Catalogue begins with general headings such as 0000 Philosophy, 0010 History and Biography. It is then divided into Palaeozoology and Palaeobotany. Each of these main divisions is subdivided into three sections. The first section gives the books and papers arranged according to strata; in the second section the arrangement is according to fossils; while the third section gives a list of new genera and species.

At the end of the Subject Catalogue there is a list of new specific

and generic names.

In each sub-section the final arrangement of papers is in the

alphabetical order of authors' names.

In order to find the papers dealing with a particular subject the reader may either consult the Schedule or the Index to the Schedule. The numbers given in the index are Registration numbers, and can be used at once for turning to the proper page of the Subject Index. This is done by looking at the numbers at the top corners of the pages.

If the reader remember the name of the Author of a paper on a given subject, he will probably find it convenient to refer to the

Authors' Catalogue rather than to the Subject Catalogue.

In the Authors' Catalogue the numbers placed within square brackets at the end of each entry are Registration numbers, and serve to indicate the scope of each paper indexed. The meaning of these numbers will at once be found by reference to the Schedule.

In case the abbreviated titles of Journals are not understood, a key

to these is provided at the end of the volume.

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NOTICE.

The present volume is a catalogue of the literature published in 1901 together with a portion of that published in 1902.

The material for cataloguing the literature of one or two countries has not yet been received. Books and papers published in these countries will therefore be indexed in the corresponding volumes of the second annual issue of the Catalogue.

International Catalogue of Scientific Literature.

(K) PALÆONTOLOGY.

0000 Philosophy.

0010 History. Biography.

0020 Periodicals. Reports of Institutions, Societies, Congresses, etc.

0030 General Treatises, Text Books, Dictionaries, Bibliographies, Tables.

0040 Addresses, Lectures.

0050 Pedagogy.

0060 Institutions, Museums, Collections, Economics.

0070 Nomenclature.

0100 Distribution of Life (Animal and Vegetable) in Past Times.

0150 Zonal Palæontology; Mutations (Changes of Form in Successive Strata), etc.

0200 Evolution. (See also L 4300; N 0223; M 4400.)

The numerical symbol to be used for Palæontological books and papers is obtained by a combination of the Geological stratigraphical number (two figures), with a number (four figures) representing the subdivision of the animal or vegetable kingdom to which the fossil forms described belong. Thus a paper on Triassic Cephalopoda will have the symbol K 65.2231, one on Carboniferous ferns will be numbered K 55.6700.

The numbers for Zoological sub-divisions are identical with those used in the Zoological schedule. The numbers for Botanical sub-divisions are identical with those used in the Botanical schedule.

The alphabetical symbols for Topography can be added, if necessary. In this case a paper on Cretaceous Fishes from Asiatic Turkey would bear the symbol K 75.5431 ei.

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Catalogue International de la Littérature scientifique.

(K) PALÉONTOLOGIE.

0000	Philosophie.
0010	Histoire. Biographie.
0020	Périodiques. Rapports d'Institutions, de Sociétés, de Congrès, etc.
0030	Traités généraux, Manuels, Dictionnaires, Bibliographies, Tables.
0040	Discours, Lectures et Conférences.
0050	Enseignement.
0060	Institutions, Musées, Collections. Applications pratiques.
0070	Nomenclature.
0100	Distribution géographique des animaux et des plantes dans les temps passés.
0150	Paléontologie stratigraphique; changements de formes dans les couches successives.
0200	Evolution. (Voy. aussi L 4300; N 0223; M 4400.)

Le symbole numérique qui devra être employé pour les livres et mémoires paléontologiques est obtenu par une combinaison du nombre stratigraphique (2 chiffres) avec un nombre (4 chiffres) représentant la subdivision du règne animal ou végétal à laquelle appartient la forme fossile décrite. Ainsi un mémoire sur les Céphalopodes triasiques devra porter l'indice K 65.2231; un mémoire sur les Fougères carbonifères portera l'indice K 55.6700.

Les nombres pour les subdivisions zoologiques sont identiques à ceux qui sont employés dans la classification zoologique. Les nombres pour les subdivisions botaniques sont identiques à ceux qui sont employés dans la classification botanique.

Les symboles alphabétiques pour la Topographie peuvent être ajoutés, si c'est nécessaire. Dans ce cas un mémoire sur les Poissons crétaces de la Turquie d'Asie porterait le symbole K 75.5431 e.

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90	Mousses et hépatiques	:	:	:	:	:	35, 7000	50,7000	55, 7000	65.7000	70,7000	75.7000	85, 7000	90, 7000	95. 7000
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7400	Algues et Schizophycée	:	:	:	:	:	35.7400	50,7400	55.7400	65.7400	70, 7400	75.7400	85.7400	90.7400	95,7400
999	Lichens	:	:	:	:	:	35, 7600	50, 7600	55, 7600	65, 7600	70.7600	75.7600	85, 7600	90, 7600	95, 7600
7700	Champignons, Bactéries	F et H	veetoz	caires	:	:	35, 7700	50.7700	55, 7700	66.7700	70, 7700	75, 7700	85, 7700	90.7700	95.7706
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Internationaler Katalog der naturwissenschaftlichen Litteratur.

(K) PALÄONTOLOGIE.

Philosophie. 0000 0010 Geschichte. Biographien. Instituten, Gesellschaften, 0020 Periodica. Berichte von Congressen etc. Allgemeine Abhandlungen, Lehrbücher, Wörterbücher, 0030 Bibliographien, Tabellen. Festreden, Vorträge. 0040 0050 Pädagogik. Institute, Museen, Sammlungen, Wirthschaftliches und 0060 Organisatorisches. 0070 Nomenclatur. Vertheilung des Lebens (des thierischen und pflanzlichen) 0100

in vergangenen Zeiten.
0150 Zonare Paläontologie; Mutationen (Formenänderungen in auf einander folgenden Schichten) etc.

0200 Entwicklung. (Siehe auch L 4300; N 0223; M 4400.)

Das Zahlensymbol, welches für paläontologische Bücher und Schriften zu benutzen ist, wird gewonnen durch Combination der stratigraphischen geologischen Nummer (zwei Ziffern) mit einer vierziffrigen Zahl, welche die Unterabtheilung des Thier- oder Pflanzenreiches angiebt, zu der die beschriebenen fossilen Formen gehören. So würde eine Abhandlung über triassische Cephalopoden das Symbol erhalten: K 65.2231; eine solche über Farne des Carbon würde zu numeriren sein: K 55.6700.

Die Nummern für die zoologischen Unterabtheilungen sind identisch mit den im zoologischen Schema benutzten. Die Nummern für die botanischen Unterabtheilungen sind identisch mit den im botanischen Schema benutzten.

Wenn nöthig, können die alphabetischen Symbole für Topographie hinzugefügt werden. In diesem Falle würde eine Abhandlung über Fische der Kreide aus der asiatischen Türkei das Symbol tragen: K 75.5431 ei.

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231	Vertebrata	:	:	:	:	35, 5231	50.5231		65, 5231	70, 5231	75, 5231	85, 5231	90, 5231	95, 5231
031	Mammalia	:	:			35.6031	50.6031		65, 6031	70.6031	75.6031	85, 6031	90,6031	95, 6031
831		:	***	:		35, 5831	50, 5831		65, 5831	70.5831	75, 5831	85, 5831	90,5831	95, 5871
631	Reptilia and Batrachia	:	:	***		35, 5631	50,5631		65, 5631	70.5631	75, 5631	85, 5631	90,5631	95, 5631
431	***	:	:	:		35.5431	50.5431		65, 5431	70.5431	75.5431	85, 5431	90,5431	95.5431
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431	Arthropoda, einschl. Insecta	;	:			35, 2431	50,2431		65, 2431	70,2431	75, 2431	85,2431	90,2431	95,2431
631	Myriopoda	:	:	:		35, 3631	50, 3631		65, 3631	70.3631	75, 3631	85,3631	90,3631	95.3631
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2831	Xiphosura, Euripterida, Trilo	Trilobita,	&c.	***		35, 2831	50, 2831		65, 2831	70,2831	75,2831	85, 2831	90.2831	95, 2831
631	Crustacea					35, 2631	50, 2631		65, 2631	70.2631	75, 2631	85,2631	90, 2631	95, 2631
331	Mollusca einschl. Cephalopoda, Amphineura, Scaphopoda und J	pun	Lam	Gastropoda, Lamellibran-	A,-0									ŀ
	chiata (Pelecypoda)	:				35, 2231	50, 2231	55, 2231	65, 2231	70, 2231	75, 2231	85, 2231	90, 2231	95. 2231
031	Brachiopoda, einsehl, Bryozo	a (Po	(Polyzoa)	:		35, 2031	50, 2031	55, 2031	H5, 2031	70, 2031	75, 2031	85,2031	90, 2031	95,2031
831	Vermes'	:				35, 1831	50, 1831	55, 1831	65, 1831	70, 1831	75,1831	85, 1831	90, 1831	95, 1831
631	ermata	:	:			35, 1031	50, 1031	55, 1031	65, 1031	70, 1031	75, 1031	85, 1031	90, 1031	95, 1031
831	nschl, Grapto	lithoic	ð			35,0831	50.0831	55, 0831	65,0831	70.0831	75,0831	85,0831	90.0831	95, 0831
631	Porifera	;	:	:	1	35,0631	50.0631	55,0631	65,0631	70,0631	75,0631	85.0631	90.0631	95,0631
181	Protozoa					35.0431	50.0431	55.0431	65.0431	70,0431	75.0431	85.0431	90.0431	95.0431
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Catalogo Internazionale della Letteratura Scientifica.

(K) PALEONTOLOGIA.

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173'1 - - - C -

0000	Filosofia.
0010	Storia. Biografia.
0020	Periodici. Resoconti di Istituti, Società, Congressi, ecc.
0030	Trattati generali, Manuali, Dizionari, Bibliografie, Indici.
0040	Relazioni, Letture.
0050	Pedagogia.
0060	Istituti, Musei, Collezioni, Applicazioni pratiche.
0070	Nomenclatura.
0100	Distribuzione della Vita (Animale e Vegetale) nei passati tempi.
0150	Paleontologia Stratigrafica; Mutazioni (Cambiamenti di forma in strati successivi), ecc.
0200	Evoluzione. Vedi anche L 4300 · N 0223 · M 4400

Il simbolo numerico da usarsi per libri e memorie paleontologiche è ottenuto colla combinazione del numero Stratigrafico-Geologico (per due cifre) col numero (quattro cifre) rappresentante la suddivisione del regno animale o vegetale al quale le descritte forme fossili appartengono. Così una memoria sopra Cefalopodi triassici avrà il simbolo K 65.2231; una sovra Felci carbonifere sarà numerata K 55.6700.

I numeri per le suddivisioni zoologiche sono identici con quelli usati nella schedula zoologica. I numeri per le suddivisioni botaniche sono identici con quelli usati nella schedula botanica.

I simboli alfabetici per la Topografia possono venir aggiunti, ove necessario. In tal caso una nota sovra Pesci Cretacei della Turchia Asiatica porterà il simbolo K 75.5481 ei.

							32	99	29	29	20	92	98	06	96
	Paleozoologia.	ologi	d				Generale, includente strati di non cono- sciuta età.	Paleozoleo inferiore.	Paleozoico superiore.	.oolsahT	Glurassico.	Cretacico.	Cenozolco inferiore. Eocene. Oligocene.	Cenozoleo superiore. Miocene. Pliocene.	Pleistocene e recente.
1231	Paleozoologia generale	1	:	1	1		35,0231		55,0231		70.0231	75,0231	85.0231	90.0231	95.023
	Vertebrata	:	**	:	:	:	35, 5231	50, 5231	55, 5231	65, 5231	70,5231	75.5231	85, 5231	90,5231	95, 5231
	Mammalia	:	14	:	:	:	35, 6031		55,6031		70.6031	75,6031	85.6031	90,6031	95, 603
	Aves	:	:	:	•	:	35, 5831		55, 5831		70.5831	75,5831	85,5831	90, 5831	95, 583
	Reptilia e Batrachia	:	:	:	:	:	35, 5631		55, 5681		70,5631	75,5631	85,5631	90,5631	95, 563
	Pisces			:	:		35, 5431		55, 5431		70,5431	75, 5431	85.5431	90,5431	95, 542
	Tunicata, Amphioxus, e	etc.	:	***	***		35,5031		55, 5031		70,5031	75,5031	85, 5031	90,5031	95, 503
_	Arthropoda, inclusi Insecta	ecta	***	***		:	35,2431		55, 2431		70.2431	75,2431	85,2431	90, 2431	95, 243
_	Myriopoda	:	:	:	:	****	35, 3431		55, 3431		70,3431	75,3431	85.3431	90,3431	95, 343
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_	Xiphosura, Euripterida,	Tri	obita, e	.00	:	6	35, 2831		55, 2831		70.2831	75, 2831	85, 2831	90,2831	95, 283
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-	Vermes	:	1	***		:	35, 1831		55, 1831	65, 1831	70, 1831	75, 1831	85, 1831	90, 1831	95, 183
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_	Coelenterata, inclusi Gr	raptol	#	6			35, 0831		55,0831	65, 0831	70,0831	75, 0831	85,0831	90.0831	95, 083
-							35, 0631		55, 0631	65,0631	70,0631	75,0631	85,0631	90,0631	95,063
1431						02	35,0431	50,0431	55,0431	65.0431	70.0431	75.0431	85,0431	90,0431	95,0431
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(K-4166)

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55.3031 *ARACHNIDA*.

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55.5631 REPTILIA AND BA-TRACHIA.

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65 TRIASSIC.

65.0131 FOSSILS OF DOUBTFUL AFFINITY OR ORIGIN.

de British Islands.

Bather, F[rancis] A[rthur]. Alleged prints of Echinoderms in Triassic reptiliferous sandstones. Geol. Mag., London, (N. Ser.). [4], 8, 1901, (70-71).

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65.0231 GENERAL PALÆO-ZOOLOGY.

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65.0831 CŒLENTERATA IN-CLUDING GRAPTOLITHOIDEA.

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65.2031 BRACHIOPODA IN-CLUDING BRYOZOA (POLY-ZOA).

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65.2231 MOLLUSCA, INCLUD-ING CEPHALOPODA, GASTRO-PODA, AMPHINEURA, SCAPHO-PODA, AND LAMELLI-BRANCHIATA (PELECYPODA).

dc German Empire.

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de British Islands.

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Otway, A. L. Irish red deer. Irish Nat., Dublin, 10, 1901, (101).

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Simpson, J. and Hepburn, D. Mammalian bones . . . at Hailes quarry. Edinburgh, Trans. Geol. Soc., 8, (1), 1901 (27-32).

df France and Corsica.

Boule, M[arcellin]. Les gravures et peintures sur les parois des cavernes. Anthr., Paris, 12, 1901, (671-677, av. fig.).

Capitan [L.] et Breuil [H.] Reproduction de dessins paléolithiques gravés sur les parois de la grotte de Combarelles. Paris, C.-R. Acad. sci., 133, 1901, (1038-1043 av. fig.).

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Chantre, E. Paléontologie humaine. L'homme quaternaire dans le bassin du Rhône. Etude géologique et anthropologique. Ann. Univ. Lyon, (n. sér), I. sciences et médecine, 4, 1901, (1-189, av. 74 fig.); A paru aussi à part, comme thèse es-sciences. Univ. Lyon, Paris (J. B. Baillière); Lyon (Rey), 1901, (189, av. 74 fig.).

Fournier, E. et Repelin. Recherches sur le préhistorique de la Basse-Provence. Ann. Fac. sci., Marseille, 11, 1901, (165-228, av. 4 pl. et 1 carte). [95.2231 df].

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Pontier, Georges. Les éléphants quaternaires de la vallée de l'Aa; études sur les variations de leur système dentaire. Naturaliste, Paris, (sér. 2), 23, 1901, (185-188, av. fig.).

Rivière, Emile. Les dessins gravés de la grotte de la Mouthe (Dordogne). Paris, Bul. mém. soc. anthr., (sér. 5), 2, 1901, (509-517); Rev. sci., Paris, (sér. 4). **16**, 1901, (492-498, av. fig.); Paris, C.-R. Acad. sci., **133**, 1901, (505-507).

dh Italy: Sicily and Sardinia.

Ricci, Arnaldo. L'Elephas primigenius Bl. nel postpliocene della Toscana. Paleontogr. Italica, Pisa, 7, 1901, (121-148, con 3 tav.).

Seguenza, Luigi. L'Hippopotamus pentlandi, Falconer, di Taormina. Acireale, Atti e Rendic. Acc. Zelanti, (N. Ser.), 10, (1899–1900), 1901, (1–8).

Stefano (De), Giuseppe. Ancora sull' Elephas meridionalis Nesti ed il Rhinoceros mercki Jaeg. nel quaternario di Reggio Calabria. Roma, Boll. Soc. geol. ital., 20; 1901, (339-342, con fig.).

Antiquus Falc. in Calabria e la sua contemporaneità con l'Elephas meridionalis Nesti, l'Elephas primigenius Blum. ed il Rhinocens mercki Jaeg. nel postpliocene dell' Italia e dell' Estero. Reggio di Calabria, 1901, (1-30, con tav.). 32 cm.

dk Austria-Hungary.

Klaatsch, [Hermann]. Ueber den neuen Fund von Knochenresten des altdiluvialen Menschen von Krapina in Kroatien. Berlin, Zs. D. geol. Ges., 53, 1901, Verhandl., (44–46). [P 3600 0200 O 2020 N 6031].

dl Balkan Peninsula.

Ricci, Arnaldo. L'Elephas primigenius della Dobrogea (Romania). Roma, Rend. Acc. Lincei, (Ser. 5), 10, 2° sem., 1901, (14-17, con fig.).

ea Asiatic Russia.

Adelung, N[ikolai] von. Ueber den jüngsten Fund einer Mammutleiche in Ostsibirien. Globus, Braunschweig, **80**, 1901, (85–87). [N 6031].

ea Asiatic Russia.

Kaščenko, N. Squelette de mammouth qui porte les traces de ce que certaines parties du corps de cet animal servaient de nourriture à l'homme contemporain. (russe). St. Peterburg. Mém. Ac. Sc., 11, 7, 1901, (1-56, av. 8 pl.). [H 95 ea].

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fb N.E. Africa.

Flamand, G. C. M. Hadjrat Mektoubat, ou les pierres écrites. Lyon, Bul. soc. anthr., 20, 1901, (181-222, av. fig.). [95.5831].

Hadjrat mektoubat) du nord de l'Afrique et spécialement de la région d'In-Salah. (Congrès internat. d'anthr. et d'archéol. préhistoriques, 12° session. Paris, 1900). Anthr., Paris, 12, 1901, (535-538).

Gaillard, C. Le Bélier de Mendès ou le mouton domestique de l'ancienne Egypte. Les rapports avec les antilopes vivants et fossiles. Lyon, Bul. soc. anthr., 20, 1901, (69-102, av. fig.). Discussion (102-103).

fh Madagascar and Comoro Group.

Burckhardt, Rud. Das Gehirn zweier subfossiler Riesenlemuren aus Madagascar. Anat. Anz., Jena, 20, 1901, (229-237). [N 6007 6031]. Grandidier, Guillaume. Un nouvel Edenté subfossile de Madagascar. Bul. Muséum, Paris, 1901, (54-56, av. fig.).

Major, C. J. Forsyth. Ueber lebende und ausgestorbene Säugetiere Madagascars. Tagebl. intern. ZoolCongr., 5, 1901, No. 6, (4). [N 6027].

gi Western United States, West of Mississippi.

[Holmes, William.] Die Quelle von Afton im Indianerterritorium, ein Sammelplatz diluvialer und rezenter Säugetiere. Globus, Braunschweig, 81, 1902, (101–102). [P 8100].

hi Argentina.

Lehmann-Nitsche, R. Der Mensch und das Grypotherium in Süd-Patagonien. Verh. Ges. D. Natf., Leipzig, 72, II, 1, 1901, (129-131).

Nordenskiöld, Erland. Observations and discoveries in caves near Ultima Esperanza, S.W. Patagonia (1900). Stockholm, Vet.-Ak. Handl. 33, 1901, No. 3, (24, with 7 pl.).

Tournouër, A. Néomylodon et l'animal mystérieux de la Patagonie. . . Paris, C.-R. Acad. sci., 132, 1901, (96-97).

hk Chili.

Philippi, R. A. Tursiops chiloënsis Ph. Eine neue Art chilenischer Delphine. Arch. Natg., Berlin, 67, Bd 1, 1901, (276-278). [N 6031 6007].

PALAEOZOOLOGY.

B. ZOOLOGICAL CLASSIFICATION.

0131 FOSSILS OF DOUBTFUL AFFINITY OR ORIGIN.

0131.50 LOWER PALAEOZOIC.

Monocraterion. Matthew, G. F. Irish Nat., Dublin, 10, 1901, (135).

... and Oldhamia. Cole, G. A. J. Irish Nat., Dublin, 10, 1901, (81).

0131.85 LOWER CAENOZOIC. (EOCENE, OLIGOCENE).

Daemon helix krameri. n. sp. Ammon, Ludwig von Geogn. Jahreshefte, München, 13 (1900), 1901, (55-69, mit 2 Taf.).

0431 PROTOZOA.

0431.55 UPPER PALAEOZOIC.

Hyperammina ramosissima. Chapman, F. Ann. Mag. Nat. Hist., (Ser. 7), 7, 1901, (142).

Stacheia stomatifera. Chapman, F. Ann. Mag. Nat. Hist., (Ser. 7), 7, 1901, (143).

0431.75 ('RETACEOUS.

Cornuspira angusta (Ammodiscus angustus?) n. sp. **Friedberg**, Wilhelm. Kraków, Rozpr. Akad., B, **41**, 1901, (601–668, with 1 pl.).

Dendrophyra discreta, n. sp. **Friedberg**, Wilhelm. Kraków, Rozpr. Akad., B, **41**, 1901, (601-668, with 1 pl.).

Lagena apiculata Reuss n. var. tetracarinata. Friedberg, Wilhelm. Kraków, Rozpr. Akad., B, 41, 1901, (601-668, with 1 pl.).

Miliolina, nn. spp. Friedberg, Wilhelm. Kraków, Rozpr. Akad., B, 41, 1901, (601-668, with 1 pl.). Orbitoides. **Schlumberger**, Ch. Paris, Bul. soc. géol., (sér. 4), **1**, 1901, (459-467, av. 2 pl.).

Polymorphina, nn. spp. Friedberg, Wilhelm. Kraków, Rozpr. Akad., B, 41, 1901, (601-668, with 1 pl.).

Trochammina, nn. spp. **Priedberg**, Wilhelm. Kraków, Rozpr. Akad., B, **41**, 1901, (601-668, with 1 pl.).

0431.85 LOWER CAENOZOIC.

Dicty conus. Douvillé, H. Paris, Bul. soc. géol., (Sér. 4), 1, 1901, (157).

Nummulitides. Gentile, Giuseppina. Napoli, Atti Acc. sc., (sér. 1), 11. 1901, (Estr. 1-14, con tav.).

władysław. Kosmos, Lwów, **26**, 1901, (304–306).

0431.90 UPPER CAENOZOI (MIOCENE, PLIOCENE)

Ellipsoglandulina. Silvest I. Alfredo. Acireale, Atti Acc., Zelan III. (N. Ser.), 10, (1899-1900), (1-9, c III.) contav.).

Lepidocyclina. **Schlumberger** C. Leiden, Samml. Geol. Reichsmuss., (Ser. 1), **6**, [1899-1902], (128-134, av. 1 pl.).

n. sp. Schlumberger, C. Leiden, Samml. Geol. Reichsm. 3s., (Ser. 1), 6, [1899-1902], (250-253, av. 1 pl.).

Nummulitides. Gentile, Guiss eppina. Napoli, Atti Acc. sc., (sér. 1), 1901, (Estr. 1-14, con tav.).

Textularia. Fornasini, Caxlo. Riv. ital. paleont., Bologna, 7, 1901, (104-106, con tav.).

0431.95 PLEISTOCENE AND RECENT.

Bulimina. **Fornasini**, Carlo. Bologna, Mem. Acc. sc., (Ser. 5), **9**, 1901, (371-381, con 1 tav. e 7 fig. nel testo).

0831 COELENTERATA.

0831.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Neostroma sumatraensis n. gen. et n. sp. **Tornquist**, Alexander. Berlin, SitzBer. Ak. Wiss., **1901**, (1115–1123).

0831.50 LOWER PALAEOZOIC.

Didymograptus acutidens (ex Lapworth MS.): D. amplus: D. artus: D. deflexus; D. nanus, Lapworth, [D. indentus var. nanus, 1875]; De nicholsoni, Lapworth, var. planus; D. simulans; D. stabilis; D. uniformis. Riles, G. A. and Wood, E. M. R. London, Monogr. Palaeont. Soc., 55, 1901, (25, 44, 48, 35, 47, 55, 30, 49, 12).

Madreporaria aporosa. Lambe, Laurence M. Geol. Surv. Can., Ottawa, Contributions to Canadian Palaeontology, IV, Part 2, 1901, (98-197, with 12 pl.).

0831.55 UPPER PALAEOZOIC.

Alveolites polenowin. sp. Peetz. Trav. sect. géol. Cab., S. M. I., St. Peterburg, 4, 1901, (1-387).

Amplexus nn. spp. Rowley, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Aulopora nn. spp. Rowley, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Axophyllum? alleni n. sp. Rowley, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Coleophyllum? greenin. sp. Rowley, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Cyathopaedium nn. spp. **Peetz.** Trav. sect. géol. Cab., S. M. I., St. Peterburg, **4**, 1901, (1-287). (x-4166)

Cystiphyllum salaïricum n. sp. **Peetz**. Trav. sect. géol. Cab., S. M. I., St. Peterburg, **4**, 1901, (1-387).

Favosites brusnitzini; F. forbesi, var. sibirica n. sp. et n. var. **Peetz.** Trav. sect. géol. Cab., S. M. I., St. Peterburg, **4**, 1901, (1-387).

Fenestella torwoodensis. Whidborne, G. F. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (537).

Madreporaria rugosa. Lambe, Laurence M. Geol. Surv. Can., Ottawa, Contributions to Canadian Palaeontology, 4, Part 2, 1901, (98-197, with 12 pl.).

Metriophyllum elsii. Whidborne, G. F. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (538).

Microplasma nesterowskii n. sp. **Peets.** Trav. sect. géol. Cab., S. M. I., St. Peterburg, **4**, 1901, (1-387).

Pleurodictyum pachyporoides. Whidborne, G. F. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (539).

Spongophyllum wenjukowi n. sp. **Peetz.** Trav. sect. géol. Cab., S. M. I., St. Peterburg, **4**, 1901, (1-387).

Striatopora tchichatschewi n. sp. **Peetz.** Trav. sect. géol. Cab., S. M. I., St. Peterburg, **4**, 1901, (1-387).

0831.70 *JURASSIC*.

Medusina geryonides n. sp. Huene, F. von. N. Jahrb. Min., Stuttgart, 1901, 1, (1-8, mit 2 Taf.).

0831.75 *CRETACEOUS.*

Leptophyllia baltica n. sp. **Hennig**, Anders. Stockholm, Vet.-Ak. Bih., **26**, 1901, No. 9, (17, with 1 pl.).

0831.85 LOWER CAENOZOIC. (EOCENE, OLIGOCENE.)

Prionastraea vaughani, Gregory. Vaughan, T. Wayland. Ann. Mag. Nat. Hist., London, (Ser. 7), 7, 1901, (300).

Trematotrochus. n. sp. Dennant, J. Adelaide, S. Austr., Trans. R. Soc., 25, 1901, (48-53, with pl.). **0831.90** UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Ceratotrochus alcockianus n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

1031 ECHINODERMATA.

1031.55 UPPER PALAEOZOIC.

Agelacrinites nn. spp. Clarke, John Mason. Paleontologic Papers, 2. by R. Ruedemann, J. M. Clarke, and E. Wood, q.v.

Acrocrinus wachsmuthi n. sp. Rowley, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Carpenteroblastus pentagonus n. gen. et n. sp. Rowley, R. R. Amer. Geol.. Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Cyrtolites bennetti n. sp. **Rowley**, R. R. Amer. Geol., Minneapolis, Minn., **27**, 1901, (343-355, with 1 pl.).

Dielasma? pediculus n. sp. **Rowley**, R. R. Amer. Geol., Minneapolis, Minn., **27**, 1901, (343-355, with 1 pl.).

Gennaeocrinus carinatus n. sp. **Wood**, Elvira. Amer. J. Sci., New Haven, Conn., (Ser. 4), 12, 1901, (297–300, with 1 pl.).

Hystricrinus schwerdii Follm. n. sp. Follmann, O. Bonn, Verh. nathist. Ver., 58, 1901, (66-76, mit 1 Taf.).

Lepidodiscus alleganius n. sp. Clarke, John M[ason]. Paleontological Papers by Ruedemann, Clarke and Wood, q.v.

Leptopora nn. spp. Rowley, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343-355, with 1 pl.).

Lophoblastus n. gen. et nn. spp. Rowley, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901, (343–355, with 1 pl.).

Noetlingia monteili n. sp. Gauthier, Victor. Paris, Bul. soc., géol., (sér. 4), 1, 1901, (189-193, av. 1 pl.).

Trigeria? curriei n. sp. Rowley, R. R. Amer. Geol., Minneapolis, Minn., 27, 1901. (343-355, with 1 pl.).

1031.65 TRIASSIC.

Echinodermata incertae sedis. Bather, F[rancis] A[rthur]. Geol. Mag., London, (N. Ser.), 8, [4], 1901, (70-71).

Burckhardt, Rudolf. Geol. Mag., London, (N. Ser.), 8, [4], 1901, (3-4, with fig.).

1031.70 JURASSIC.

Pentacrinus merzbacheri n. sp. Ammon, Ludwig von. In Gottfr. Merzbacher, Aus den Hochregionen des Kaukasus, Leipzig, 1901, 2, (719-807, mit Taf.).

1031.75 CRETACEOUS.

Noetlingia monteili. Lapparent, A. de. Géographie, Paris, 3, 1901, (257-260).

Oursin crétacé dans le Sahara oriental. Lapparent, A. de. Paris, C.-R. Acad. sci., 132, 1901, (388-392).

1031.90 UPPER CAENOZOIC. - (MIOCENE, PLIOCENE.)

Clypeaster duncanianus n sp. Noetling, Fritz. Fauna . . . Miocene . . . Burma. Pal. Ind. _ Calcutta, (N. Ser.), (3), 1901, (1-378 with 25 pls.).

1831 **VERMES**.

1831.55 UPPER PALAEOZOIC.

Conchicolites tuberculifer Chapman, F. Ann. Mag. Nat. History (Ser. 7), 7, 1901, (145).

Spirorbis? dubius n. s Rowley, R. R. Amer. Geol., Minneapola Minn., 27, 1901, (343-355, with 1 pl.).

2031 BRACHIOPODA. INCLUD-ING BRYOZOA (POLYZOA).

Brachiopoda.

(Bryozoa v. p. 100)

2031.50 LOWER PALÆOZOIC.

Acrothyra n. gen. Matthew, G. F. St. John's, N.B., Bull. Nat. Hist. Soc. New Brunsw., 19, 1901. (303-304).

99 2031

Bicia n. gen. Walcott, Charles D[colittle]. Washington, D.C. Smithsonian Inst., Nation. Mus. Proc., 23, 1901, (669-695). Published as separate.

Camarella nn. spp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-333, with pl.).

Crania halli n. sp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Discina concordensis n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326–343, with pl.).

Leptaena nn. spp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Obolella (Glyptias) n. spp. Walcott, Charles D[colittle]. Washington, D.C. Smithsonian Inst., Nation. Mus. Proc., 23, 1901, (669-695).

Obolus (Westonia) n. subgen. **Walcott**, C. D. Washington, D.C. Smithsonian Inst., Nation. Mus. Proc., **23**, 1901, (669-695). Published as separate. 23.5 cm.

Orthis nn. spp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Productella minneapolis n. sp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Rhychonella nn. spp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Skenidium anthonensis n. sp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343).

Streptorhynchus subsulcatus n. sp. Sardeson, F.W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Zygospira aquila n. sp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

2031.55 UPPER PALÆOZOIC.

Anathyris trapezoidalis n. subgen. et n. sp. Peetz. Trav. Sect. géol. Cab., S.M.I., St. Peterbuug, 4, 1901, (1-387).

 $(\kappa - 4166)$

Athyris nn. spp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

A trypa nn. spp. Peets. Trav. Sect. géol. Cab., S.M.I., St. Peterburg, 4, 1901, (1-387).

Camarella nn. spp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.)

Camarotoechia pauciplicata n. sp. **Wood**, Elvira. Paleontologic Papers, 2, by R. Ruedemann, J. M. Clarke, and E. Wood q. v.

Chonetes gregarius n. sp. Weller, Stuart. St. Louis, Mo., Trans. Acad. Sci., 11, 1901, (147-214, with pl).

Crania halli n. sp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.].

Dalmanella frechi n. sp. **Pitegel**, G. Palaeontographica, Stuttgart, **48**, 1901, (91-136, mit 3 Taf.).

Peetz. Trav. Sect. géol. Cab., S.M.I., St. Peterburg, 4, 1901, (1-387).

—— subquadrata n. nom. (=Orthis perosii Keyser). Fliegel, G. Palaeontographica, Stuttgart, 48, 1901, (91-136, mit 3 Taf.).

Discina concordensis n sp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Glassia? n. sp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Leptaena n. spp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Lingula, with Lepidodendron. **Etheridge**, R[obert], Jr. Sydney, Austr. Mus., 4, 1901, No. 3 (119-120, woodcut).

Orthis tersus nn. spp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Orthothetes nn. spp. Fliegel, G. Palaeontographica, Stuttgart, 48, 1901, (91-136, mit 3 Taf.).

Pentamerus kayseri n. sp. Peetz. Trav. Sect. géolog. Cab., S.M.I., St. Peterburg, 4, 1901, (1-387).

Productella minneapolis n. sp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Productus meisteri n. sp. **Peetz**. Trav. Sect. géol. Cab., S.M.I., St. Peterburg, **4**, 1901, (1-387).

Pseudoglossothyris [type:— Terebratula curvifrons, Oppel.] Buckman, S. S. Gloucester, Proc. Cotteswold Nat. F. Cl., 13, (4), 1901, (240).

Retzia nn. spp. **Peetz.** Trav. Sect. géol. Cab., S.M.I., St. Peterburg, **4**, 1901. (1-387).

Rhynconcha (Hypothyris) n. sp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Rhynchonella nn. spp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

man, S.S. Gloucester, Proc. Cotteswold Nat. F. Cl., 13, (4), 1901), (245).

ricostata n. sp. Peets. Trav. Sect. géol. Cab., S.M.I., St. Peterburg, 4, 1901, (1-387).

Schizophoria derjawini n. sp. Peetz. Trav. Sect. géol. Cab. S.M.I., St. Peterburg, 4, 1901, (1-387)

Skenidium anthonensis nn. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

Spirifer nn. spp. **Peetz**. Trav. Sect. géol. Cab., S.M.I., St. Peterburg, **4**, 1901, (1-388).

Spirigera nn. spp. Fliegel, G. Palaeontographica, Stuttgart, 48, 1901, (91-136, mit 3 Taf.).

Streptorhynchus subpelargonatus n. sp. Fliegel, G. Palaeontographica, Stuttgart, 48, 1901, (91-136, mit 3 Taf.).

subsulcatum n. sp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Strophomena halli, S. inquassan. spp. Sardescn, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Zygospira aquila n. sp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.)

2031.65 TRIASSIC.

Orthis. **Bleicher.** Nancy, Bul. soc. sci., (sér. 3), **2**, 1901, (97–100, av. 1 pl.).

2031.70 *JURASSIC*.

Microthyris tardecrescens. Buckman, S. S. Gloucester, Proc. Cotteswold, Nat. F. Cl., 13, (4), 1901, (256).

Terebratula hyalina; T. imitator; T. microtrypa; T. permaxillata; T. polyplecta; T. siderica; T. subomalogaster. Buckman, S. S. Gloucester, Proc. Cotteswold Nat. F. Cl., 13, (4), 1901, (248, 254, 257, 261, 242, 248, 259).

Zeilleria nn. spp. Buckmann, S. S. Gloucester, Proc. Cotteswold Nat. F. Cl., 13, (4), 1901, (288, 257, 260, 255).

2031.85 LOWER CAENOZOIC. (EOCENE, OLIGOCENE.)

Bicia n. spp. Walcott, Charles D[colittle]. Washington, D.C. Smithsonian Inst., Nation. Mus. Proc., 23, 1901, (669-695).

Obolus (Westonia) n. spp-Walcott, Charles D[colittle]. Washington, D.C. Smithsonian Inst., Nation-Mus. Proc., 23, 1901, (669-695).

2031.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Discina multiradiata n. sp. Dollfus, G. et Dautzenberg, Ph. J. Conchyliol., Paris, 49, 1901, (229-280).

Bryozoa.

2031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Bryozoa ciclostomata.

Neviani, Antonio. Parte 2ª, Cap. 2º,
Storia delle specie, 1ª centuria. Roma,
1901, (67-98, Con fig.) 25 cm.

101 2231

Vittaticella, n. nom. for Caloporella, Mcg., with list of species affected. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **13**, 1901, (201-203).

2031.85 LOWER CAENOZOIC, (EOCENE, OLIGOCENE.)

Amphiblestrum nn. spp. Maplestone, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (189, pl. xxiv).

Cellaria nn. spp. and n. var. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **13**, 1901, (183-184, pl. xxiii).

Corbulipora ampulla, n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **13**, 1901, (207, pl. xxxiv).

Cribrilina turgida, n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **13**, 1901, (205, pl. xxxiv).

Lepralia nn. spp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **13**, 1901, (208, pl. xxxv).

Macropora cribrilifera, n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **13**, 1901, (204, pl. xxxiv).

Melicerita elliptica, n. sp. Maplestone, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (184, pl. xxiii).

Membranipora nn. spp.

Maplestone, C. M. Melbourne, Proc.
R. Soc. Vict., (N. Ser.), 13, 1901, (186, pl. xxiii).

Micropora nn. spp. Maplestone, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (207, pl. xxxiv).

Microporella rugosa, n. sp. Maplestone, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (208, pl. xxxiv).

Ovaticella turbinata n. gen. et n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **13**, 1901, (212, pl. xxxv).

2231 MOLLUSCA, INCLUDING CEPHALOPODA, GASTRO-PODA, AMPHINEURA, SCA-PHOPODA, AND LAMELLI-BRANCHIATA (PELECY-PODA).

Cephalopoda.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Ammonites. Blanckenhorn, Max. Natw. Wochenschr., Berlin, 16, 1901, (57-59).

2231.55 UPPER PALAEOZOIC.

Aipoceras hainesianum. Foord, A. H. London, Monogr. Palæont. Soc., 55, 1901, (131).

Clymenia kayseri n. sp. Drevermann, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Goniatites [carbonifères dans le Sahara]. **Collot**. Paris, C.-R. Acad. Sci., **133**, 1901, (349-351).

Orthoceras orientale n. sp. Fliegel, G. Palaeontographica, Stuttgart, 48, 1901, (91-136, mit 3 Taf.).

Pericyclus multicostatus. **Poord**, A. H. London, Monogr. Palæont. Soc., **55**, 1901, (139).

Pleuronautilus nn. spp. Pliegel, G. Palaeontographica, Stuttgart, 48, 1901, (91-136, mit 3 Taf.).

Prodromites praematurus n. gen. et n. sp. **Smith**, James Perrin, and Weller, Stuart. Chicago, Ill., J. Geol., Univ. Chic., **9**, 1901, (225-268, with 3 pl.).

Salenocheilus clausus. Foord, A. H. London, Monogr. Palaeont. Soc., 55, 1901, (130).

2231.65 TRIASSIC.

. . . Argonauta? n. sp. Yoshiwara, S., Annot. Zool. Jap., Tokyo, 3, 1901, (174-176, with pl.).

2231.70 *JURASSIC*.

Aspidoceras acanthicum. Canavaria, Maria. Paleontogr. Italica, Pisa, 6, 1900, 1901, (1-15, con tav.).

Belemnites nn. sp. Gürich, G[eorg]. N. Jahrb. Min., Stuttgart, beilagebd., 14, 1901, (484-518, mit 2 taf.).

Nautilus. Tagliarini, F. P. Palermo, Giorn. Sc. nat. econ. 1901, (196-203, con. tav.).

Rhynchoteuthis. Thiot, Louis. Paris, Bul. soc. géol., (sér. 4), 1, 1901, (184).

Tmaegoceras [crassiceps] n. sp. Pompecki, J[os.] F[elix]. N. Jahrb. Min., Stuttgart, 1901, 2, (158-170).

2231.75 *CRETACEOUS.*

Ammonites. **Solger**, Friedrich. Berlin, Zs. D. geol. Ges., **53**, 1901, Verhandl., (35-36).

Baculites. . . . Smith, James Perrin. Amer. Nat., Boston, Mass., 35, 1901, (39-46).

Helioceras stevensoni. Whitdeld, R[obert] P[arr]. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 14, 1901, (219, with 2 pl.).

Lytoceras sp. Whiteaves, J. F. Ottawa Nat., 15, 1901, (31-32).

Gastropoda and Amphineura.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Columbella multicostata n. sp. Blanckenhorn, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (52–132, 307–502, mit 4 Taf.).

Helix (ruficinata) feralis; H. (ruf.) sodalis nn. varr. Hemphill, Henry. Nautilus, Philadelphia, Pa., 14, 1901, (109-140).

quadridentata n. sp. Blanckenhorn, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze. (52–132, 307–502, mit 4 Taf.).

Hyalaea angusticostata n. sp. Blanckenhorn, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (52–132, 307–502, mit 4 Taf.).

Melanopsis aegyptiaca n. sp. Blanckenhorn, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (52-132, 307-502, mit 4 Taf.).

Nassa beaumontensis Aldr. Aldrich, T. H. Nautilus, Philadelphia, Pa., 15, 1901, (74).

Paludina (Vivipara) martensi n. sp. Blanckenhorn, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (52-132, 307-502, mit 4 Taf.).

Purpura rectangularis n. sp. Blanckenhorn, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (52-132, 307-502, mit 4 Taf.).

Tryonii mosculata n. colorvar. T. major; T. minor, nn. varr. **Hemphill**, Henry. Nautilus, Philadelphia, Pa., **14**, 1901, (109-140).

2231.50 LOWER PALAEOZOIC.

Conchopeltis (or Metoptoma) obtusa n. sp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Fusispira spicula n. sp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Holopea (?) perundosa n. sp. sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Horiostoma discors (Sow.) var. mariae (ex Salter MS.). Reed, F. R. C., Geol. Mag., London, (Ser. 2), 8, [4], 1901, (246).

Metoptoma explanata n. sp. Sardeson, F. W. Minneapolis, Bull-Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Pleurotomaria clivosa n. sp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

ex Salter MS.) cyclonema; P. fletcheri; P. reniformis, Salter; P. striatissima.
Reed, F. R. C. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (248, 247, 358, and 432, 355).

Torinia protodorsuosa n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Trochus calyptraea (ex Salter MS.). Reed, F. R. C. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (109).

Tryblidium nn. spp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Turcica protomonilifera n. sp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

2231.55 UPPER PALAEOZOIC.

Bellerophon subcostatus n. nom. (=B. costatus Trautschold)
B.romerin. nom. (=B. asiaticus F. Rom. ex parte). Fliegel, G. Palaeontographica, Stuttgart, 48, 1901, (91-136, mit 3 Taf.).

Conchopeltis (or Metoptoma) obtusa n. sp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Conularia. Etheridge Jr., Robert. Sydney, Rec. Austr. Mus., 4, 1901, (52).

Euomphalus varicosus n. sp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Fusispira (?) spicula n. sp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Holopea (?) perundosa n. sp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Loxonema tschurowski n. sp. **Peetx.** Trav. sect., géol. Cab., S. M. I., St. Peterburg, **4**, 1901, (1-387).

Macrochilina excentrica n. sp. Drevermann, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Metoptoma explanata n. sp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Murchisonia padangensis n. sp. Fliegel, G. Palaeontographica, Stuttgart, 48, 1901, (21-136, mit 3 Taf.).

Naticopsis nn. spp. Fliegel, G. Palaeontographica, Stuttgart, 48, 1901, (91-136, mit 3 Taf.).

Orthonychian.sp. Drevermann, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111). Platyostoma tchumysehense n. sp. Peets. Trav. Sect. géol. Cab. S. M. I., St. Peterburg, 4, 1901, (1-387).

Pleurotomariann. spp. Fliegel, G. Palaeontographica, Stuttgart, 48, 1901, (91-136, mit 3 Taf.).

deson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Tryblidium n. sp. **Sardeson**, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., **3**, 1901, (326-343, with pl.).

2231.70 *JURASSIC*.

Actaeon? cinuliaeformis n. sp. Schlosser, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (513-569, mit 1 Taf.).

Alaria? abbreviata n. sp. Schlosser, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (513-569, mit 1 Taf.).

Amberleya n. sp. aff. Belia d'Orb. Schlosser, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (513–569, mit 1 Taf.).

Ceritella dubiosan. sp. Schlosser, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (513-569, mit 1 Taf.).

Cerithinella supraliasica n. sp. Schlosser, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (513-569, mit 1 Taf.).

Cœlostylina nn. spp. **Böhm,** Joh. Berlin, Zs. D. geol. Ges., **53.** 1901, Aufsätze, (211–252, mit 3 Taf.).

Cylindrobullina nn. spp. Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252. mit 3 Taf.).

Ephyra exilis n. gen. et sp. Actaeonidae d'Orb. Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252. mit 3 Taf.).

Eustylus? liasicus n. sp. Schlosser, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (513-569, mit 1 Taf.).

Loxonema supremum n. sp. schlosser, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (513-569, mit 1 Taf.).

Nerinea. Geiger, Paul. Stuttgart, Jahreshefte Ver. Natk., 57, 1901, (275-317, mit 1 Taf.).

Neritopsis algarvensis n. sp. Böhm, Joh. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (211-252, mit 3 Taf.).

Oonia casta n. sp. **Böhm,** Joh. Berlin, Zs. D. geol. Ges., **53,** 1901, Aufsätze, (211-252, mit 3 Taf.).

Patella delgadoi n. sp. Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

Pleurotomaria burckhardti n. sp. Schlosser, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (513-569, mit 1 Taf.).

Scalaria nn. spp. Schlosser, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (513-569, mit 1 Taf.).

Turritella quenstedti n. sp. Schlosser, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (513-569, mit 1 Taf.).

2231.75 CRETACEOUS.

Cerithium nn. spp. Schnarrenberger, Carl. Freiburg i. B., Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.).

Delphinula nn. spp. Schnarrenberger, Carl. Freiburg i. B., Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.).

Glauconia böhmi n. sp. Schnarrenberger, Carl. Freiburg i. B., Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.).

Himeraelites acuta n. sp. Schnarrenberger, Carl. Freiburg i. B., Ber. natf. Ges.. 11, 1901, (176-214, mit 4 Taf.).

Itieria nn. spp. Schnarrenberger, Carl. Freiburg i. B., Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.).

Nerinea di-stefanoi n. sp. Schnarrenberger, Carl. Freiburg i. B., Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.).

Pileolus chelussii n. sp. Schnarrenberger, Carl. Freiburg i. B., Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.).

Pseudomelania aquilensis n. sp. Schnarrenberger, Carl. Freiburg i. B. Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.). Scurria nn. spp. Schnarrenberger, Carl. Freiburg i. B., Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.).

Trochus spiralis n. sp. Schnarrenberger, Carl. Freiburg i. B., Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.).

Voluta scalata n. sp. Schnarrenberger, Carl. Freiburg i. B., Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.).

2231.85 LOWER CAENOZOIC. (EOCENE, OLIGOCENE.)

A canthrochites (Notoplax) nn.spp. Ashby, Edwin and Torr, W. D. Adelaide, S. Aust., Trans. R. Soc., 25, 1901, (136-144, with pl.).

Adeorbis subalpinus n. sp. Deninger, Karl. Geogn. Jahreshefte, München, 14, 1901, (221-245, mit 2 Taf.).

Ancylus (Velletia) boettgeri n. sp. **zinndorf**, Jakob. Offenbach, Ber. Ver. Natk., **37-42**, 1901, (87-146, mit 4 Taf.).

Chiton nn. spp. Ashby, Edwin and Torr, W. D. Adelaide, S. Aust., Trans. R. Soc., 25, 1901. (146-144, with pl.).

Helix wrazidloi n. sp. Zinndorf, Jakob. Offenbach, Ber. Ver. Natk., 37-42, 1901, (87-146, mit 4 Taf.),

Loricella gigantea. Ashby, Edwin and Torr, W. G. Adelaide, S. Aust., Trans. R. Soc., 25, 1901, (136-144, with pl.).

Lovica nn. spp. Ashby, Edwin and Torr, W. G. Adelaide, S. Aust., Trans., R. Soc., 25, 1901, (136-144, with pl.).

Natica subalpina n. sp. Deninger, Karl. Geogn. Jahreshefte, München, 14, 1901, (221-245, mit 2 Taf.).

Planorbis (Segmentina) cyrenarum n. sp. **Zinndorf**, Jakob. Offenbach, Ber. Ver. Natk., **37-42**, 1901, (87-146, mit 4 Taf.).

Plaxiphora nn. spp. Ashby, Edwin and Torr, W. G. Adelaide, S. Aust., Trans. R. Soc., 25, 1901, (136-144, with pl.).

Pleurotoma prisca. **Woodward**, Henry. Geol. Mag., London, (Ser. 2), **8**, [4], 1901, (409-411, with fig.). 105 2231

Punctum oligocaenicum n. sp. **Zinndorf**, Jakob. Offenbach, Ber. Ver. Natk., **37-42**, 1901, (8-146, mit 4 Taf.).

Vertigo (Alaea) callosa (Rss.) var. cij. venarum. n. var. V. moenans n. sp. Zinndorf, Jakob. Offenbach, Ber. Ver. Natk., 37-42, 1901, (37-146, mit 4 Taf.).

2231.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Basilissa lorioliana n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Calliostoma koenenianum n. sp. Noetling, Fritz. Pal, Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Cancellaria nn. spp. **Noetling**, **Fritz**. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Clavatula nn. spp. **Noetling**, Fritz. **Pal**. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, **1**–378, with 25 pls.).

Conus. nn. spp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Drillia. nn. spp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Eburna protozeylanica n. sp. Moetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Fossarus krausei n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Fusus seminudus n. sp. Noetling, Fritz. Pal. Ind. Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Galeodea monilifera n. sp. **Moetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Natica gracilior n. sp. Moetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Persona gautama n. sp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Pleurotoma karenaica n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Pyrula pseudobucephala n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Ranella prototubercularis n. sp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Scalaria nn. spp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Semicassis protojaponica n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Solarium nn. spp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Strioterebrum. nn. spp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Terebrum protoduplicatum n. sp. **Noetling**, Fritz. Pal. Ind. Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Triton. nn. spp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Turritella nn. spp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.). 1, (3), 1901, (1-378, with 25 pls.).

Tympanotomus lignitarum Eichn. **Dollfus**, G. et Deutzenberg Ph. J. Conchyliol., Paris, **49**, 1901, (33-34).

Voluta ringens n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Xenophora birmanica n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

2231.95 PLEISTOCENE AND RECENT.

Helix banatica (=Canthensis Beyr). Wust, Ewald. Zs. Natw., Stuttgart, 74, 1901, (72-76).

Planorbis stroemii West. **Kennard**, A. S. and Woodward, B. B. London, Proc. Malacol. Soc., 4, (6), 1901, (236).

Pyramidula shimekii n. n. for P. cockerelli Pils. and Zonites shimekii Pils. . Shimek, B. Iowa City, Iowa, Bull. Univ. Lab. Nat. Hist., 5, (N. Ser.), No. 21, 1901, (139-145).

Lamellibranchiata.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Aucella. **Pavlov**, Aleksěj Petrovič-St. Pétersbourg, Dnevn. XI Sjězda, russ. jest. vrač., 1901, (298–299).

Cardium subsociale n. sp. Blanckenhorn, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (53–132, 307–502, mit 4 Taf.).

Cythereann. spp. Blanckenhorn, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (52-132, 307-502, mit 4 Taf.).

Ostrea hyotiformis n. sp. Philippi, Emil. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (304–306).

Pecten nn. spp. Blanckenhorn, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (52-132, 307-502, mit 4 Taf.).

Pecten werthii, n. sp. **Philippi**, Emil. Berlin, Zs. D. geol. Ges. **53**, 1901, Aufsätze, (304–306).

Pseudomonotis waageni. **Salomon**, Wilhelm. Berlin, Zs. D. geol. Ges., **53**, 1901, briefl. Mitt., (23).

2231.50 LOWER PALAEOZOIC.

Tellinomya (or Nucula) nn. spp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

2231.55 UPPER PALAEOZOIC.

Amnigenia. Clarke, John M[ason]. Paleontologic Papers by Ruedemann, Clarke and Wood.

Avicula (Actinopteria) polenovi n. sp. Peets, Trav. sect. géol. Cab. S. M. I., St. Peterburg, 4, 1901, (1-387).

A viculopecten nn. spp. Fliegel, G. Palaeontographica, Stuttgart, 48, 1901, (91-136, mit 3 Taf.).

Buchiola semiimpressa n.sp. Drevermann, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Conocardium benhauseni n. sp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Cypricardites nn. spp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.)

Leiopteria grandis; L. longirostris. Hind, W. London, Monogr. Palæont. Soc., 55, 1901, (19).

Lithophaga minuta n. sp. Weller, Stuart. St. Louis, Mo., Trans. Acad. Sci., 11, 1901, (147-214, with pl.). [Separate.] 24.5 cm.

Mya. **Jensen**, Adolf Severin. Kjöbenhavn, Nath. Medd., (Ser. 6), **2**, **1900**, 1901, (133–158).

Myalina excentrica n. sp. Drevermann, Fritz. Marburg [Druck v. A. W. Schade, Berlin, 1901, (111).

hausmanni. Ammon, Ludwig von. Geogn. Jahreshefte, München, 13, (1900), 1901, (149-193).

Pinna richthofeni n. sp. **Pliegel**, G. Palaeontographica, Stuttgart, **48**, 1901, (91-136, mit 3 Taf.).

Posidonomya concinna; P. subovata. Jones, T. R. Geol. Mag. London, (Ser. 2), 8, [4], 1901, (435).

radiata. Hind, W. London, Monogr. Palaeont. Soc., 55, 1901, (31).

Schizodus schlotheimi. Ammon, Ludwig von. Geogn. Jahreshefte, Müchen, 13, (1900), 1901, (149-193).

Tellinomya (or Nucula) nn. spp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Teredina opalina n. sp. Gürlch, G[eorg]. N. Jahrb. Min., Stuttgart, Beilagebd., 14, 1901, (484-518, mit 2 Taf.).

2231.70 *JURASSIC*.

Aucella. **Pompeckj**, J[os.] F[elix]. N. Jahrb. Min., Stuttgart, **1901**, **1**, (18-36, mit 1 Taf.).

Pompeckj, J[os.] F[elix]. N. Jahrb. Min. Stuttgart, Beilagebd. 14, 1901, (319-368, mit 3 Taf.).

Avicula capellini n. sp. **Böhm, Joh.** Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (211–252, mit 3 Taf.).

Böhmia, n. nom. for Ephyra. Cossmann, M. Rev. crit. paléozool., Paris, 5, 1901, (58, 123–124, 220).

Ctenostreon pectiformis, Schlotheim. Etheridge Jr., R[obert]. Sydney, Rec. Austr. Mus., 4, 1901, (13-16, pl. 3).

praecursor n. nom. (= Pecten vagans. Goldf.). Schlosser, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (573-569, mit 1 Taf.).

Cypricardia quenstedti n. sp. (= Venus pumila, Quenst (non Goldf.)). Schlosser, Max. Berlin, Zs. D. geol. Ges. 53, 1901, Aufsätze, (513–569, mit 1 Taf.).

Dimyodon ungulatus n. sp. Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

Gervilleia ventrosa n. sp. Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

Harpax meridionalis n. sp. Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.)

Homomya cuneata n. sp. Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

Isocyprina seebachi nn. spp. Böhm, Jos. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

Lucina münsteri n. nom. = Venus antiqua Münst. Schlosser, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (513-569, mit 1 Taf.).

Modiola lusitanica n. sp. Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211–252, mit 3 Taf.).

Nuculana (Leda) tatei. Newton, E. T. London, Q. J. Geol. Soc., 57, 1901, (234).

Pecten. Ammon, Ludwig von. In Gottfr. Merzbacher, Aus den Hochregionen des Kaukasus, Leipzig, 1901, 2, (719-807, mit Taf.).

Protocardia choffati n. sp. Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

Pteroperna camoënsi n. sp. Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

Tancredia partita n. sp. Böhm, Joh. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (211-252, mit 3 Taf.).

——— peachi. Newton, E. T. London, Q. J. Geol. Soc., 57, 1901, (236).

Unicardium nn. spp. **Böhm**, Joh. Berlin, Zs. D. geol. Ges., **53**, 1901, Aufsätze, (211-252, mit 3 Taf.).

2231.75 *CRETACEOUS.*

Caprina. **Paquier**, Victor. Ann. Univ., Grenoble. Paris, **13**, 1901, (422-425).

[et Pachytraga] dans l'Urgonien. . . Paquier, Victor. Paris, C.-R. Acad. sci., 132, 1901, (229-231).

Corbis franchiin. sp. Schnarrenberger, Carl. Freiburg i. B., Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.).

Hippurites. **Toucas**, Aristide. Paris, Bul. soc. géol. (Sér. 4), **1**, 1901, (154-155, 227-228).

Lima aquilensis n. sp. Schnarrenberger, Carl. Freiburg i. B., Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.).

Ostrea joannae Choffat. Virgilio, Francesco. Roma, Boll. Soc. geol. ital., 20, 1901, (XXXI — XXXII).

Radiolites cordiformis n. sp. Schnarrenberger, Carl. Freiburg i. B., Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.).

Rudista. **Paquier**, Victor. Paris, Bul. soc. géol., (sér. 4), **1**, 1901, (286-287).

———— Parona, Carlo. Torino, Mem. Acc. sc., (Ser. II), 50, 1901, (1-23, con tav.).

Spardylus serratus. Woods, H. London, Monogr. Palaeont. Soc., 55, 1901, (124).

Toucasia steinmanni n. sp. Schnarrenberger, Carl. Freiburg i. B., Ber. natf. Ges., 11, 1901, (176-214, mit 4 Taf.).

Unio n. sp. Whiteaves, J. F. Ottawa Nat., 14, 1901, (177-179).

2231.85 LOWER CAENOZOIC. (EOCENE, OLIGOCENE.)

Arca capulopsis, n. sp. Pritchard, G. B. Melbourne, Proc. R. Soc. Vict. (N. Ser.), 14, 1901, (23, pl. II).

Cardita striatissima. **Dollfus**, Gustave. Paris, Bul. soc. géol., (sér. 4), 1, 1901, (273-274).

Carditella regularis, n. sp. Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 14, 1901, (28-29, pl. II).

Led a nn. spp. **Pritchard**, G. B. Melbourne, Proc. R. Soc, Vict., (N. Ser.), **14**, 1901, (27-28, pl. III).

Limopsis morningtonensis, n. sp. **Pritchard**, G. B. **Melbourne**, Proc. R. Soc. Vict., (N. Ser.), **14**, 1901, (24, pl. II).

Lucina nn. spp. **Deninger**, Karl. Geogn. Jahreshefte, München, **14**, 1901, (231-245, mit 2 Taf.).

megameris. Dall, W[illiam] H[ealy]. Nautilus, Philadelphia, Pa., 15, 1901, (40-42).

Modiola nn. spp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict.. (N. Ser.), **14**, 1901, (25-26, pl. II).

Modiolaria balcombein. sp. Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 14, 1901, (29-30, pl. III).

Ostrea hyotis, Linn. Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 14, 1901, (22).

Pectunculus subalpinus n. sp. Deninger, Karl. Geogn. Jahreshefte, München, 14, 1901, (221-245, mit 2 Taf.).

Pecten telleri n. sp. **Deninger**, Karl. Geogn. Jahreshefte, München, **14**, 1901, (221-245, mit 2 Taf.). Unio aff. flabellatus (Goldf.) n. sp. **Zinndorf**, Jacob. Offenbach, Ber. Natk., **37,-42**, 1901, (87-146, mit 4 Taf.).

Verticordia excavata n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **14**, 1901, (30-31).

2231.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Arca (Anomalocardia) nn. spp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Avicula suessiana n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Cardita nn. spp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with pls.).

Cardium nn. spp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Corbula prototruncata n. sp. **Noetling**, Fritz. Pal. Ind. Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Crassatella dieneri n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Cucullaea protoconcomerata n. sp. Burma. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Cypricardites nn. spp. Sardeson, F. W. Minneapolis, Bull. Minn. Acad. Nat. Sci., 3, 1901, (326-343, with pl.).

Cyrena (Batissa) kodoungensis n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Cytherea yomaënsis n. sp. Noetling, Fritz. Pal. Ind., Calcutta (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Dione nn. spp. **Woetling, Fritz.** Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Dosinia protojuvenilis n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Gari. nn. spp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3) 1901, (1-378, with 25 pls.).

Hiatula textilis n. sp. **Noetling**, Fritz. Pal. Ind., Calcutta, N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Leda nn. spp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Lima nn. spp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Lucina nn. spp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Mactra protoreevesii n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Meiocardia nn. spp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, 1901, (1-378, with 25 pls.).

Modiola nn. spp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Nucula phayrciana n. sp. Noetling, Fritz. Pal. Ind., Calcutta (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Ostrea nn. spp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

———— edulis var. ungulata. Dollfus, Gustave. Paris, Bul. soc. géol., (sér. 4), 1, 1901, (288).

Parallelipiped um prototortuosum n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Pecten nn. spp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), (1-378, with 25 pls.).

Leri n. sp. Dall, W[illiam] H[ealy]. Nautilus, Philadelphia, Pa., 14, 1901, (117-118).

Pholas blanfordianus n. sp. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Petricola incerta n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Solecurtus exsulcatus n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Tapes protolirata n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Tellina nn. spp. **Noetling.** Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

basedow, H. Adelaide, S. Aust., Trans. R. Soc., 25, 1901, (145-148, with pl.).

Venus protoflexuosa n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Vulsella lingua tigris n. sp. Noetling, Fritz. Pal. Ind. Calcutta, (N. Ser.), 1, (3). 1901, (1-378, with 25 pls.).

2231.95 PLEISTOCENE AND RECENT.

Cardium edule. Geinitz, E[ugen]. Güstrow, Arch. Ver. Natg., 55, 1901, (165-166).

Scaphopoda.

2231.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Dentalium bættgeri n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

2431 ARTHROPODA, INCLUDING INSECTA.

2431.55 UPPER PALAEOZOIC.

Fouquea cambrensis. Allen, H. A. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (66).

2431.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE).

Pentatoma kinkelini n. sp. Breddin, G. Frankfurt a. m., Ber. Senckenb. Ges., 1901, Wiss. Abh., (111-118).

2631 CRUSTACEA.

2631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Pollicipes. Bather, F. A. Science, New York, N.Y., (N. Ser.), 14, 1901, (112); Geol. Mag., London, (Ser. 4), 8, 1901, (521-522).

Scalpellum. Bather, F. A. Science, New York, N.Y., (N. Ser.), 14, 1901, (112); Geol. Mag., London, (Ser. 4), 8, 1901, (521-522).

2631.50 LOWER PALAEOZOIC.

Leperditia . . . Bonnema, J[an] H[aitzes]. Amsterdam, Proc. Sci. K. Akad. Wet., 3, 1901, (137-140, 545-599) (English). Amsterdam, Versl. Wis. Nat. Afd. K. Akad. Wet., 9, 1901, (138-140, 376-379) (Dutch).

Turrile pas ketleyanus (ex Salter MS.). Reed, F. N. C., Geol. Mag., London, (Ser. 2). 8, [4], 1901, (108).

2631.55 UPPER PALAEOZOIC.

Beyrichia kirkbyana n. sp. Jones, T. Rupert. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (433-435, with pl.).

muldensis; B. tuberculata (Kloed) var. lineato-tuberculata.

Jones, T. R. Ann. Mag. Nat. Hist., (Ser. 7), 7, 1901, (150-151).

Kloedenia gotlandica. Jones, T. R. Ann. Mag. Nat. Hist., (Ser. 7), 7, 1901, (149).

Leperditia nn. spp. Peetz. St. Peterburg, Trav. sect. géol. Cab., S. M. I., 4, 1901, (1-387).

2631.65 TRIASSIC.

Estheria. Lomas, J. Liverpool, Proc. Geol. Soc., 9, (1), 1901, (75-80, pl.).

an om ala. Jones, T. R. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (352).

2631.70 *JURASSIC*.

Eryma nn. spp. **Méchin**, A. Nancy, Bul. soc. sci., (sér. 3), 2, 1901, (73–84, av. fig. et pl.)

Estheria. . . Jones, T. Rupert. Geol. Mag., London, (Ser. 4), 8, 1901, (350-354, with 4 fig.).

Pollicipes [?] lotharingicus n. sp. **Méchin**, A. Nancy, Bul. soc. sci., (sér. 3), 2, 1901, (15-17, av. 1 pl.).

2631.75 CRETACEOUS.

Brachylepas [n. gen.] cretacea. **Woodward**, H. Geol. Mag., London, (Ser. 2), **8**, [4], 1901, (150, 528).

Dromiopsis birleyae: D. coplandae. Woodward, H. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (498).

Pyrgoma cretacea from the upper chalk of Norwich. Woodward, Henry. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (145-152 and 240, with pl., figs.).

2631.85 LOWER CAENOZOIC. (EOCENE, OLIGOCENE.)

Bairdia beadnelli; B. minuta. Chapman, F. Geol. Mag., London, (Ser. 2), 9, [4], 1901, (66).

Cythere farafrensis. Chapman, F. Geol. Mag., London, (Ser. 2), 9, [4], 1901, (66).

2631.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Calappa protopustulosa n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.) 1, (3), 1901, (1-378, with 25 pls.).

Callianassa birmanica n. sp. Noetling, Fritz. Pal. Ind., Calcutts, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Ebalia tuberculata n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

2801 TRILOBITA.

2831.50 LOWER PALAEOZOIC.

Cyphaspis spryi n. sp. Gregory, J. W. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1901, (179-182, pl. xxii).

Encrinurus multiplicatus (ex Salter MS.) Reed, F. R. C. Geol. Mag., London, (Ser. 2). 8, [4], 1901, (107).

Lichas scutalis (ex Salter, MS.). **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), **8**, [4], 1901, (5).

Olenella (Holmia) walcottanus n. sp. **Wanner**, Atreus. Washington, D.C., Proc., Nation. Acad. Sci., **3**, 1901, (267-272, with pl.).

Phacops (Odontocheile) caudatus, var. corrugatus (ex Salter MS.). Reed, F. R. C. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (106).

Proetus fletcheri (ex Salter, MS.). Reed, F. R. C. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (11).

Strabops thacheri n. genetn. sp. Beecher, C[harles] Emerson. Amer. J. Sci., New Haven, Conn., (Ser. 4), 12, 1901, (364-366, with 1 pl.).

2831.55 UPPER PALAEOZOIC.

Belinurus Kiltorkensis. Cole, Grenville A. J. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (52-54, with fig.).

Bronteus elegans n. sp. **Peetz.** St. Peterburg, Trav. Sect. géol. Cab. S. M. I., **4**, 1901, (1–387).

Craspedarges n. subgen., C. willcanniae n. sp. [genus Lichas.] Gürich, G[eorg]. N. Jahrb. Min., Stuttgart, Beilagebd., 14, 1901, (519-539, mit 2 Taf.).

Griffithides longiceps Portlock var. angusta. Woodward, H. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (154).

Phacops nn. spp. **Drevermann**, Fritz. Marburg [Druck v. A. W. Schade, Berlin], 1901, (111).

Prestwichia rotundata. Baldwin, W. Manchester, Trans. Geol. Soc., 27, (6), 1901, (149-155).

Proetus? carintiacus; Pr. dillensis, n. spp. Drevermann, Fritz. Marburg, [Druck v. A. W. Schade, Berlin], 1901, (111).

3031 ARACHNIDA.

3031.55 UPPER PALAEOZOIC.

Anthrocomartus. Ammon, Ludwig von. Geogn. Jahreshefte, München, 13 (1900), 1901, (1-6).

Eotrogulus fayoli n. sp. Thévenin, A. Paris, Bul. soc. géol., (sér. 4), 1, 1901, (605-612, av. 1 pl.).

Nemastomoides elaveris n. sp. **Thévenin**, A. Paris, Bul. soc. géol., (ser. 4), **1**, 1901, (605-612, av. 1 pl.).

3031.95 PLEISTOCENE AND RECENT.

Nothrus maximus n. sp. Trägardh, Ivar. Zool, Anz., Leipzig, 24, 1901, (25-29).

5431 PISCES.

5431.55 UPPER PALAEOZOIC.

A can thodes striatus. **Wellburn**, E. D. Geol. Mag., London, (Ser. 2), **8**, [4], 1901, (219).

Cladodus unicuspidatus. Traquair, R. H. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (112).

Coelacanthopsis [n. gen.] curta. **Traquair**, R. H. Geol. Mag., London, (Ser. 2), **8**, [4], 1901, (113).

Eucentrurus [n. gen.] paradoxus. **Traquair**, R. H. Geol. Mag., London, (Ser. 2), **8**, [4], 1901, (114).

Eucten odopsis [n. gen.] tenuis. **Wellburn**, E. D. Geol. Mag., London, (Ser. 2), **8**, [4], 1901, (220).

Palaeoniscus magnus. Ammon, Ludwig von. Geogn. Jahreshefte, München, 13 (1900), 1901, (149–193).

Psephodus minutus. Wellburn, E. D. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (218).

Sphenacanthus fifensis. Traquair, R. H. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (113).

5431.70 *JURASSIC*.

Aletodus n. gen. ferrugineus Ries (= Ischyodus ferrug., Ries). Gürich, G[eorg]. N. Jahrb. Min., Stuttgart, beilagebd, 14, 1901, (540-564, mit 4 Taf.).

Coelacanthus. **Wellburn,** Edgar D[uesbury]. Geol. Mag., London, (Ser. 2), **8**,[4], 1901, (71-72).

Lycoptera sinensis. Woodward, A. S. Cat. Foss. Fish. B. M., IV, 1901, (3).

Mesodon nn. spp. **Sauvage**, H. E. Paris, Bul. soc. géol., (sér. 4), **1**, 1901, (542-550, av. pl).

5431.75 CRETACEOUS.

A crogaster daviesi (Davis); A. heckeli (Pict.). Woodward, A. S. Cat. Foss. Fish, B. M., 4, 1901, (390).

A crognathus libanicus. Woodward, A.S. Cat. Foss. Fish. B. M., 4, 1901, (244).

Aipichthys minor (Pict.); A. nuchalis; A. velifer. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (428, 429, 427).

A pateodus type Pachyrizodus glyphodus, (Blake); A. glyphodus (Blake); A. lanceolatus; A. striatus. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (258, 264, 260).

Charitosomus lineolatus (P. and H.); C. major. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (274, 272).

Chirothrix guestfalicus (Schl.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (283).

Dinopteryx [type Hoploteryx spinosus Davis] spinosus (Davis). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (406, 407).

Enchelurus anglicus; E. syriacus. Woodward, A. S. Cat. Foss. Fish, B. M., 4, 1901, (167, 165).

Enchodus annectens; E. gracilis (v.d. Marck); E. longidens (Pict.); E. macropterus (v.d. Marck); E. major (Davis); E. pulchellus. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (195, 201, 199, 202, 200).

Eurypholis freyeri (Heck.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (210).

Halec eupterygnis (Dix.); H. haueri (Bass.); H. microlepsis (Davis). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (213, 219, 218).

Histiothrissa [type Sardinius macrodactylus, v. d. Marck] crassapinnea (Davis); H. macrodactyla (v. d. Marck). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (131, 132).

Hoploteryx lewisi (Davis); H. stachei (Kram.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (404, 406).

Ichthyodectes serridens; I. tenuidens. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (101, 104).

Leptosomus minimus (Hg.). Woodward, A. S. Cat. Foss. Fish., B. M., 4, 1901, (246).

Microcoelia libanica. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (252).

Notelops brama [type Phacolepis brama Ag.]. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (27).

Omosoma intermedium; 0. pulchellum (Davis). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (420, 421).

Osmeroides levis. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (15).

Pachyrhizodus dibleyi. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (38).

Paranguilla tigrina (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (343).

Pelecorapis microlepsis n. sp. Cragin, Francis W[hittlemore]. Colorado Springs, Stud. Colo. Coll. Sci. Soc., 9, 1901.

Protaulopsis bolcensis; [type] Woodward, A. S. Cat. Foss-Fish. B. M., IV, 1901, (371).

Pycnodontida. Leriche. Lille, Ann. soc. géol., 30, 1901, (161-165).

Sardinoides attenuatus; S. pusillus. Woodward, A. S. Cat-Foss. Fish. B. M., 4, 1901, (241, 240).

Syllaemus anglicus (Dix.). Woodward, A.S. Cat. Foss. Fish. B. M., 4, 1901, (351).

Thrissopater magnus; T. megalops. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (33, 35).

Urenchelys avus; U. hakelensis (Davis). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (337, 338).

5431.85 LOWER CAENOZOIC. (EOCENE OLIGOCENE.)

Acanus regleysianus (Bl.); A. spinosus (B. C.). **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (501, 500).

Acestrus ornatus (ex Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (494).

Albula oweni (Owen). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (60).

Amia robustan. sp. **Priem**, F. Paris, Bul. soc., géol., (sér. 4), **1**, 1901, (477-504).

Anguilla leptoptera (ex Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (344).

Atherina macrocephala (ex Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (359).

Aulorhynchus sumatrensis v. d. Marck). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (373).

Auxis propterygius (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (464).

Brychaetus muelleri (ex. Ag.). [type.] Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (76).

Carangopsis brevis (Bl.).

Woodward, A. S. Cat. Foss. Fish.

B. M., 4, 1901, (446).

Chanoides macropoma (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (63).

Clupea catopygoptera. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (148).

Cybium bartonense; C. excelsum. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (467).

Cyclopoma micracanthum (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (504).

Eocoelopoma [type Coelopoma colei Ag] colei (ex Ag.); Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (470).

Eocottus [type Gobius vermensis Volta] vermensis (Volta). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (580-581).

Eomyrus latispinus (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (340).

Eothynnus [type Coelo-cephalus salmonens Ag. nomen nudum] salmonens (ex Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (457).

Ephippus rhombus (Bl.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (559).

Ephippites peissenbergensis, n. gen. and n. sp. Ammon, Ludwig von. Geogn. Jahreshefte, München, 13, (1900), 1901, (55-69, mit 2 Taf.).

Esocelops cavifrons (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (46).

Fistularia longirostris (Bl.). Woodward, A. S. Cat. Foss. Fish, B. M., 4, 1901, (375).

Halecopsis (ex Ag.) [type Osmeroides insignis Delv. Ortl.] insignis. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (133-134).

Hexapsephus guentheri. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (322).

Histiophorus eocenicus; H. rotundus. **Woodward**, A. S. Cat. Foss. Fish. B. M., **4**, 1901, (495).

Is urich thys macrurus (Ag.); I. orientalis. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (453).

Labrax ubinoi (F. de W.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (510).

Lepidocottus aries (Ag.), L. papyraceus. **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (582). Lepidopus glarisianus (Bl.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (477).

Megalops oblongus; Megalops priscus. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (26).

Mene oblongus (Ag.); M. rhombus. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (440).

Nummopalatus vaillanti; N. paucidens n. spp. **Priem**, F. Paris, Bul. soc. géol., (sér. 4), **1**, 1901, (477-504).

Rhamphognathus sphyreanoides (Ag.). Woodward, A. S. Cat. Foss. Fish. M. B., 4, 1901, (362).

Rhynchorhinus major. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (343).

Scombramphodon benedeni [type Amphodon benedeni Storms] (Storms). S. crassidens (ex Ag.): S. curvidens (Storms). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (474).

Scombrinus macropomus (Ag.). S. micralis [ex Ag. type]. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (462).

Seriola analis (Ag.). Woodward, A. S. Cat. Foss. Fish. B.M., 4, 1901, (445).

Sparnodus bowerbanki (Ag.); S. microstomus (Ag.). **Woodward**, A. S. Cat. Foss. Fish. B. M., 4, 1901, (527).

Squatina gaudryi n. sp. **Priem,** F. Paris, Bul. soc. géol., (sér. 4), 1, 1901, (477-504).

Thynnichthys amblyostoma (v. d. Marck). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (303).

Urosphen dubia (Bl). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (376).

Xiphiorhynchus priscus (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (491).

5431.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Aspius minutus. Woodward, A.S. Cat. Foss. Fish. B. M., 4, 1901, (318).

Labrax oeningensis. Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (511).

Labrodon canariensis (Cocchi); L. superbus (Cocchi). Woodward, A. S. Cat. Foss. Fish. B.M., 4, 1901, (542).

Lepidocottus brevis (Ag.); L. multpinnatus (Meyer). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (582).

Leuciscus turneri n. sp. Lucas, Frederic A[ugustus]. Washington D.C. Smithsonian Inst., Nation. Mus. Proc., 23, 1901, (333-334).

Notidanus griseus Cuvier. Bassani, Francesco. Napoli, Rend. Acc. Sc., (Ser. 3), 7, 1901, (175-180, con fig.).

Notogoneus longiceps (Meyer) Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (278).

Oxyrhina pagoda n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls).

Pachylebias crassicaudus (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (295).

Palimphyes elongatus (Bl.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (460).

Prolebias brongniarti (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (293).

Properca prisca (Ag.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (516).

Sargus oranensis. **Woodward**, A. S. Cat. Foss. Fish. B. M., **4**, 1901, (529).

Scopeloides glarisianus (Ag.). **Woodward**, A. S. Cat. Foss-Fish. B.M., **4**, 1901, (255).

Tinca tarsiger (Frosch.). Woodward, A. S. Cat. Foss. Fish. B. M., 4, 1901, (315).

REPTILIA AND BATRACHIA.

GENERAL, INCLUDING RATA OF UNKNOWN AGE.

osaurus . . . Synopsis
Abstammung. Nopcsa Jr., F. Földt. Közl., Budapest, 31, 1901, 24, mit 1 Taf.).

ıa meriani v. Meyer. Wolter-W. Frankfurt a. M., Ber. Senc-Ges., 1901, Wiss. Abh., (39-44, laf.).

gocephali. Voeltzkow, A[rthur] iderlein, L[udwig]. Frankfurt a. h. Senckenb. Ges. 26, 1901, (313it 2 Taf.).

romorpha. Zittel, [Karl A.]. irt (E. Schweizerbart), 1901.

UPPER PALAEOZOIC.

ynodon. Amalitzky, V. Paris, Acad. sci., **132**, 1901, (591–593).

eiasaurus. Amalitzky, C.-R. Acad, sci., 132, 1901, 93).

TRIASSIC.

perodapedon gordoni . . . ssociation with Echinoderms]. nardt, Rudolph. Geol. Mag., Lon-Ser. 2). 8, [4], 1901, (3-4, with

oyrinthodon. Fraas, E[ber-Stuttgart, Jahreshefte Ver. Natk., 31, (318-320).

cochelys n. sp. Jackel, O[tto]. Zs. D. geol. Ges., 53, 1901, ndl., (56-58).

ynchosaurus $_{
m in}$ stion with Echinoderms]. Burck-Rudolph. Geol. Mag., London,), **8**, [4], 1901, (3-4, with fig.).

JURASSIC.

npsognathus longipes Huene, F. von. N. Jahr. Min., art, 1901, 1, (157-160, mit 1 Taf.). 10saurus. Riggs, Elmer S. and gton, Oliver Cummings. Chicago, 'ub. Field Columb. Mus., Geol. , 1901, (267-274, with pl.). Sepa-25.5 cm.

.thyosaurus. Keller, Gustav. (Th. G. Fisher u. Co.), 1901. :-4166)

Pelorosaurus. Sauvage, Emile. C.-R. cong. soc. sav., Paris, 1901, [Nancy], (157-159).

Plesiosaurus. . Keller. Gustav. Cassel (Th. G. Fisher u. Co.),

Thalattosuchia n. gen. Frass, Eberhard. Stuttgart, Jahreshefte, Ver. Natk., 57, 1901, (409-418).

5631.75 CRETACEOUS.

Keller, Gustav. Agathaumas. Cassel (Th. G. Fisher u. Co.), 1901.

Clydastes (?) lutugini n. sp. Jakovlev, N. St. Peterburg, Bull. com. géol., **20**, 1901, (507–516, rés. fr. 516– 518, av. 1 pl.).

Williston. Creosaurus (Marsh). S[amuel] W[endell]. Amer. J. Sci., New Haven, Conn., (Ser. 4), 11, 190? (111-114).

Dinilysia patagonica. Woodward, A. S. London, Proc. Zool. Soc., **1901**, I (2), 1901, (176).

Genyodectes serus. Woodward, A. S. London, Proc. Zool. Soc., **1901**, I (2), 1901, (179).

Porthochelys laticeps n. sp. Williston, S. W. Topeka, Trans. Kan. Acad. Sci., 17, 1901, (195-199, with pl.).

Stegosaurus marshi n. sp. Lucas, Frederic Augustus. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 23, 1901, (591-592, with pl.).

Triceratops. Keller, Gustav. Cassel (Th. G. Fisher u. Co.), 1901.

5631.85 LOWER CAENOZOIC. (EOCENE, OLIGOCENE.)

herculis Cheirotherium . Type specimen. (Egerton). (Egerton). 1 ype specimen. Beasley, H. C. Liverpool, Proc. Geol. Soc., 9, (1), 1901, (81, with pl. v.).

Dicynodon. Broom. Cape Town, S. Africa, Phil. Soc., 11, 1901, (169–176, with pl.).

Gigantophis [n. gen.] garstini. Andrews, C. W. Geol. Mag, London, (Ser. 2), **8**, [4], 1901, (438).

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Moeriophis [n. gen.] schweinfurthi. Andrews, C. W. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (438).

Psephophorus eccaenus. Andrews, C. W. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (440).

Stereogenys [n. gen.] cromeri. **Andrews**, C. W. Geol. Mag., London, (Ser. 2), **8**, [4], 1901, (443).

Thalassochelys libyca. Andrews, C. W. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (441).

Tomistoma africanum. Andrews, C. W. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (443).

5631.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Crocodilus palustris. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Gharialis gangeticus. **Noetling**, Fritz. Pal. Ind., Calcutta, (N. Ser.), **1**, (3), 1901, (1-378, with 25 pls.).

Palaeopython sardus Port.n. sp. Portis, Alessandro. Roma, Boll. soc. Geol. ital., 20, 1901, (247-253).

Procyclanorbis sardus Port. n. sp. **Portis**, Alessandro. Roma, Boll. Soc. geol. ital., **20**, 1901, (51-79, con. tav.).

Python cf. molurus Linné.
Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

5831 AVES.

5831.95 PLEISTOCENE AND RECENT.

Aepyornis. **Meyer**, A. B. und Heller, K. M. Dresden, Abh. zool. Mus., **9**, Nr. 7, 1901, (1-8, mit 1 Doppel-Taf.).

6031 MAMMALIA.

6031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Elephas. **Bolti**, Ulderico. Roma, Boll. Scc. geol. itali, **20**, 1901, (438-445).

Leptocherus quadricuspis n. sp. Hatcher, J. B. Pittsburg, Pa., Ann. Carnegie Mus., 1, 1901, (128-144, with 4 pl.). Mylodon listai. **Ridewood,** W. G. Q. J. Microsc. sci., London, (Ser. 2), **44**, 1901, (393-411, pl. xxvi).

Titanotherium. Hatcher, J. B. Pittsburg, Pa., Ann. Carnegie Mus., 1, 1901, (256-262, with pl.).

6031.55 UPPER PALAEOZOIC.

Basilosaurus cetoides (Owen). Lucas, Frederick Augustus. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 23, 1901, (327-331, with pl.).

6031.85 LOWER CAENOZOIC. (EOCENE, OLIGOCENE.)

A elurotherium bicuspis n. sp. Wortman, J. I. Amer. J. Sci., New Haven, Conn., (Ser. 4), 12, 1901, (193-206).

Acticamelus n. gen. Matthew, W. D. New York, N.Y., Mem. Amer. Mus. Nat. Hist., 1, Part 7, 1901, (353-447, with pl.). (Separate). 36 cm.

Barytherium. Andrews, C. W., Nature, London, 64, 1901, (528).

Amphicyon americanus n. sp. Wortman, J. L. Amer. J. Sci., New Haven, Conn., (Ser. 4), 11, 1901, (200—204).

Eporeodon major var. cadrensis. n. var. Matthew, W. D. New York. N.Y., Mem. Amer. Mus. Nat. Hist., 1 — Part 7, 1901, (353-347, with pl.) — (Separate).

Equus giganteus n. sp. Gidley J. W. New York, N.Y., Bull. Amer-Mus. Proc. Nat. Hist., 14, 1901, (101—142, with pl.).

Harpagolestes macrocephalus n. gen et n. sp. Wortmann, J. Amer. J. Sci., New Haven, Conn., (Ser. 4), 12, 1901, (281-296, with 5 pls.).

Lophiodon. Omboni, Giovanni. Venezia, Atti Ist. Ven., 60, 1901, (631-638), con tav.).

Merycochærus nn. spp. **Doug**lass, Earl. Amer. J. Sci., New Haven, Conn., (Ser. 4), 11, 1901, (73-83). Moeritherium n. gen. for M. lyonsi n. sp. Andrews, C. W. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (402).

Mustela ogygia n.sp. Matthew, W. D. New York, N.Y., Mem. Amer. Mus. Nat. Hist., 1, Part 7, 1901. (353-447, with pl.). (Separate). 36 cm.

Neovul pavus washakius n. gen. et n. sp. Wortmain, J. L. Amer. J. Sci., New Haven, Conn., (Ser 4), 11, 1901, (437-450, with 1 pl.).

Palaeomastodon, n. gen. for P. beadnelli n. sp. Andrews, C. W. Geol. Mag., London, (Ser. 4), 8, 1901, (401).

Palaeosinopa veterrima n. gen. et n. sp. Matthew, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 14, 1901, (1-38).

Proscalops miocaenus n. gen. et n. sp. Matthew, W. D. New York, N.Y., Mem. Amer. Mus. Nat. Hist., 1, Part 7, 1901, (353-447, with pl.). Separate. 36 cm.

Protapirus robustus n. sp. Sinclair, William J. Chicago, Ill., J. Geol., Univ. Chic., 9, 1901, (702-707).

Protomeryx campester n. sp. Matthew, W. D. New York, N.Y., Mem. Amer. Mus. Nat. Hist., 1, Part 7, 1901, (353-447, with pl.).

Oodectes herpestoides n. sp. Wortmann, J. L. Amer. J. Sci., New Haven, Conn., (Ser. 4), 12, 1901, (143-154).

Sinopa opisthoma n. sp. Matthew, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 14, 1901, (1-31).

Sorex kinkelini n. sp. Zinndorf, Jakob. Offenbach, Ber. Ver. Natk., 37-42, 1901, (87-146, mit 4 Taf.).

Viverravus minutus n. sp. Wortman, J. L. Amer. J. Sci., New Haven, Conn., (Ser. 4), 12, 1901, (143-154).

Vulpavus hargeri n. sp. Wortman, J. L. Amer. J. Sci., New Haven, Conn., (Ser. 4), 11, 1901, (333-348, with 1 pl.).

6031.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE.)

Aeticamelus n. gen. Matthew, W. D. New York, N.Y., Mem. Amer. Mus. Nat. Hist., 1, Part 7, 1901, (353-447, with pl.). Separate. 36 cm.

Amphicyon americanus n. sp. Wortmann, J. L. Amer. J. Sci., New Haven, Conn., (Ser. 4), 11, 1901, (200-204).

Anoplotherium birmanicum n. sp. Noetling, Fritz. Pal. Ind., Calcutta, (N. Ser.), 1, (3), 1901, (1-378, with 25 pls.).

Boselaphus. **Major**, C. I. Forsyth. Geol. Mag., London, (Ser. 4), 8, 1901, (354-355).

Camelus. **Major**, C. I. Forsyth. Geol. Mag., London, (Ser. 4), **8**, 1901, (358-354).

Cyrtodelphis sulcatus. Plaz (Dal), Giorgio. Palaeontogr. Italica, Pisa, 7, 1901, (287-292, con. tav.).

Elephas. Griffini, Achille. Boll. matt. sc. fis. nat., Bologna, 2, 1901, (estr. 1-5, con 1 fig.).

primigenius Bl. Ricci, Arnaldo. Palaeontogr. Italica, Pisa, 7, 1901, (121-148, con 3 tav.).

Eporeodon major var. cadrensis n. var. **Matthew**, W. D. New York, N.Y., Mem. Amer. Mus. Nat. Hist., 1, Part 7, 1901, (353-447, with pl.).

Equus giganteus n.sp. Gidley, J. W. New York, N.Y., Bull. Amer. Mus. Proc. Nat. Hist., 14, 1901, (101-142, with pl.).

Mastodon. **Pavlovna**, M. V. S. Pétersbourg, Dnevn. XI Sjězda russ. jest. vrač., 1901, (247).

Mery cochoerus nn. spp. . . . Douglass, Earl. Amer. J. Sci., New Haven, Conn., (Ser. 4), 11, 1901, (73-83).

Mustela ogygia n. sp. Matthew, W. D. New York, N.Y., Mem. Amer. Mus. Hist., 1, Part 7, 1901, (353-447, with pl.). Separate. 36 cm.

Okapia johnstoni. **Boule**, M[arcellin]. Nature, Paris, **29**, 1901, (2° semest.), (388-390, av. fig.).

Palaeosinopa veterrima n. gen. et n. sp. Matthew, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 14, 1901, (1-38).

Panthocops hundesiensis. . . Skull. Lydekker, Richard. London, Q. J. Geol. Soc., 57, 1901, (289-292, with figs.).

Pithe can thropus erectus. . . Dubois, Eugène. Petrus Camper, Bijdr. Anat., Haarlem, 1, 1901, (237-241, av. pl.).

Priscalops n. gen et n. sp. Matthew, W. D. New York, N.Y., Mem. Amer. Mus. Nat. Hist., 1, Part 7, 1901, (353-447, with pl.). Separate. 36 cm.

Protapirus robustus n. sp. . . . Sinclair, William J. Chicago, Ill., J. Geol. Univ. Chic., 9, 1901, (702-707).

Protohippus. Pavlova, Marija Vasiljevna. St. Pétersbourg, Dnevn. XI Sjězda russ. jest. vrač., 1901, (247).

Protomeryx campester n. sp. Matthew, W. D. New York, N.Y., Mem. Amer. Mus. Nat. Hist., 1, Part 7, 1901, (353-447, with pl.). Separate. 36 cm.

Sinopa opisthoma n. sp. Matthew, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 14, 1901, (1-38).

Trigonias osborni n. sp. Lucas, Frederic A[ugustus]. Washington, D. C., Smithsonian Inst., Nation. Mus. Proc., 23, 1901, (221-224).

6031.95 PLEISTOCENE AND RECENT.

Bradytherium madagascariense n. sp. Grandidier, Guillaume. Bul. Muséum, Paris, 1901, (54-56, av. fig.).

Camelus knoblochi [Nhrg.]. **Mehring**, A[Hred]. Berlin, SitzBer. Ges. natf. Freunde, **1901**, (137-144); Globus, Braunschweig, **80**, 1901, (188-189, 264-267).

Cervus elaphus. Otway, A. L. Irish Nat., Dublin, 10, 1901, (101).

Elephas. Coincy, A. de. Naturaliste, Paris, (sér. 2), 23, 1901, (231).

Gregorio, Marquis Antoine de. Naturaliste, Paris, (sér. 2), 23, 1901, (212).

Pontier, Georges. Naturaliste, Paris, (sér. 2), 23, 1901, (185-183, av. fig.).

Elephas. (Euclephas) antiquus Falc. **Stefano (De)**, Giuseppe. Reggio di Calabria, 1901, (1-30, con. tav.).

primigenius. Adelung, N[ikolai] von. Globus, Braunschweig, **80**, 1901, (85–87).

St. Peterburg, Mém. Ac. Sc., 11, 7, 1901, (1-56, av. 8 pl.).

Cassel (Th. G. Fisher u. Co.), 1901.

Ricci, Arnaldo. Roma, Boll. Soc. Geol. ital., 20, 1901, (368–393, con tav); Roma, Rend. Acc. Lincei, (Ser. 5), 10, 2° Sem., 1901, (14–17, con tav.).

Fennia, 18, (8), 1900–1901, (1–8).

J. V. Kjøbenhavn, Medd. Geol., **8**, 1901, (61-62).

Stuttgart, 74, 1901, (126).

(De), Giuseppe. Reggio di Calabria = 1901, (1-30, con tav.).

meridionalis Nesti - Stefano (De), Giuseppe. Roma, Boll Soc. geol. ital., 20, 1901, (339-342, com. ⊐ tav.); Reggio di Calabria, 1901, (1-34-con. tav.).

trogontherius Pohlige.

Ricci, Arnaldo. Roma, Rend. AccLincei, (Ser. 5.), 10, 2° sem., 1901, (93—
98, con fig.).

Zs. Natw., Stuttgart, 74, 1901, (65-71).

Foca. . . **Ugolini**, Riccardo. Proc. verb. Soc. tosc. nat., Pisa, **12**, 1901, (147-148).

Grypotherium . . . Lehmann-Nitsche, R. Verh. Ges. D. Natf., Leipzig, 172, II, 1, 1901, (129-131).

Hippopotamus pentlandi Falconer. **Seguenza**, Luigi. Acireale, Atti e Rendic. Acc. Zelanti, (N. Ser.), **10**, (1899-1900), 1901, (1-8).

Homo sapiens. Klaatsch, [Hermann]. Berlin, Zs. D. geol. Ges., 53, 1901, Verhandl., (44-46).

Machairodus. **Boule**, Marcelin. Paris, Bul. soc. géol., (sér. 4), 1, 1901, (551-573, av. fig.).

Megaceros giganteus. Keller, Gustav. Cassel (Th. G. Fisher u. Co.), 1901.

Neomylodon . . . Tournouër, A. Paris, C.-R. Acad. sci., 132, 1901, (96-97).

Okapia johnstoni. Gaudry, A. Paris, C.-R. Acad. sci., 133, 1901, (858–859).

Ovibos moschatus. **Harlé**, Edouard. Paris, Bul. soc. géol., (sér. 4), **1**, 1901, (455–458, av. fig.).

Ovis. Gaillard, C. Lyon, Bul. soc. anthr., 20, 1901, (69-102, av. fig.). Discussion, (102-103).

Phoca. v. Foca.

Pinnipedia. Sheppard, T. Hull, Trans. Hull Sci. Cl., 1, (4), 1901, (250).

Pithecanthropus erectus. **Manouvrier**, L[60n]. Anthr., Paris, **12**, 1901, (103-104).

Avignon, Mém. Acad. (sér. 2), 1, 1901, (126-142, av. 2 pl. et fig.).

Paris, 1901, (36). 14 cm. Jousset, P.

Rhinoceros mercki Jaeg. Stefano (De), Giuseppe. Reggio di Calabria, 1901, (1-30, con tav.): Roma, Boll. Soc. geol. ital., 20, 1901, (339-342, con fig.).

Tursiops [Delphinus] chilöensis. **Philippi**, R. A. Arch. Natg., Berlin, **67**, Bd 1, 1901, (276-278).

LIST OF NEW GENERA AND SPECIES.

0131 FOSSILS OF DOUBTFUL AFFINITY OR ORIGIN.	MILIOLINA [Foraminifera]. gramen. Friedberg, W. 183.
DAEMONHELIX.	tenuis. Friedberg, W. 183.
krameri, Ammon, L. 18.	MONOGENERINA, n. gen. [Foraminifera]. Spandel, E. 559.
0431 PROTOZOA.	[Bigenerina] atava. Spandel. E. 559.
Amnodiscus [Foraminifera]. ————————————————————————————————————	nodosariformis. Spandel, E. 559.
dubius. Grzybowski, J. 213, 214.	Nobosaria [Foraminifera].
gorlicensis. Grzybowski, J. 213, 214,	postcarbonica. Spandel, E. 559.
v. Cornuspira.	Polymorphina [Foraminifera].
BIGENERINA v. Monogenerina.	irregularis. Friedberg, W. 183.
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	Calappa [Decapoda]. ———————————————————————————————————
TEREDINA [Pholadidae]. ———————————————————————————————————	EBALIA [Decapoda]. tuberculata. Noetling, F. 390.
TOUCASIA [Chamidae]. steinmanni. Schnarrenberger, C. 510. UNICARDIUM [Unicardiidae]. ellipticum. Böhm, J. 66. minus. Böhm, J. 66.	ERYMA [Decapoda]. ———————————————————————————————————
Unio [Unionidae]. — aff. flabellatus Goldf. Zinndorf, J. 670.	ESTHERIA [Phyllopoda]. ————————————————————————————————————
VENERICARDIA [Carditidae]. ———————————————————————————————————	LEPERDITIA [Ostracoda]. elongata. Peetz, H. v. 425. salaïrica. Peetz, H. v. 425.
VENUS [Veneridae]. ———————————————————————————————————	POLLICIPES [Cirripedia]. [?] lotharingicus. Méchin, A. 349.
paranensis. Borchert, A. 72. protoflexuosa. Noetling, F. 390.	2831 XIPHOSURA, EURIPTERIDA, TRILOBITA.
VERTICORDIA [Verticordiidae].	EURIPTERIDA.
VULSELLA [Aviculidae]. lingua-tigris. Noetling, F. 390.	strabops n. gen., Beecher, C. E. 52. thacheri. Beecher, C. E. 52.
SCAPHOPODA.	TRILOBITA.
DENTALIUM. bættgeri. Noetling, F. 390.	Bronteus [Bronteidae]. ————————————————————————————————————
2431 ARTHROPODA, INCLUDING INSECTA.	Craspedarges n. subgen. Gürich, G. 215. ———— willcanniae. Gürich, G. 215.
PENTATOMA [Pentatomidae]. kinkelini. Breddin, G. 82. 2631 CRUSTACEA.	OLENELLUS [Olenidae]. ———— walcottanus. Wanner, A. 614.
BEYRICHIA [Ostracoda].	PARADOXIDES [Olenidae]. ———— mediterraneus. Pompekcj, J. F.
(K -4166)	ж 2

PHACOPS [Phacopidae].	Mesodon [Pycnodontidae].
brevissimus. Drevermann,	- rigauxi. Sauvage, H. E. 500.
F. 150.	simulans. Sauvage, H. E. 500.
sulcatus. Drevermann, F. 150.	Nummopalatus [Labridae].
(Trimerocephalus ?) lotzi.	paucidens. Priem, F. 454.
Drevermann. F. 150.	vaillanti. Priem, F. 454.
(Trimerocephalus?) miserri-	OXYRIINA [Lamnidae].
mus. Drevermann, F.	pagoda. Noetling F. 390.
Proetus [Proetidae].	Pelecorapis [Scombridae]. ———— microlepsis. Cragin, F. W.
	122.
F. 150.	Psephodus.
? dillensis. Drevermann, F.	minutus. Wellburn, E. D. 621.
150. Trimerocephalus. v. Phacops.	SPHENACANTHUS.
11 merocepharus. v. 1 nacops.	fifensis. Traquair, R. H. 590.
3031 ARACHNIDA.	SQUATINA [Squatinidae].
Anthracomartus [Opiliones].	gaudryi. Priem, F. 454.
——— palatinus. Ammon, L. v.	
Eotrogulus [Opiliones].	5631 REPTILIA AND BATRACHIA.
fayoli. Thévenin, A. 578.	REPTILIA.
NEMASTOMOIDES.	CLYDASTES [Pythonomorpha].
elaveris. Thévenin, A. 578.	(?) lutugini. Jakolev, N. 244-
Nothrus [Acari].	GIGANTOPHIS n. gen. [Ophidia].
maximus. Trägårdh, I. 588.	Andrews, C. W. 23.
5431 PISCES.	garstini. Andrews, C. W. 23
Amia [Amiidae].	MOERIOPHIS n. gen. [Ophidia].
robusta. Priem, F. 454.	Andrews, C. W. 23.
COELACANTHOPSIS n. gen. [Coelacan-	schweinfurthi. Andrews, C-
thidae]. Traquair, R. H. 590.	W. 23.
	PALAEOPYTHON [Ophidia]. ————————————————————————————————————
EPHIPPITES n. gen. [Acanthopteri].	·
Ammon, L. v. 18.	PORTHOCHELYS n. gen. [Chelonia]. Williston, S. W. 639.
peissenbergensis, Ammon,	laticeps. Williston, S. W.
L. v. 18.	639.
EUCENTRURUS n. gen. Traquair, R.	Procyclanorbis [Chelonia].
Н. 590.	sardus. Portis, A. 446.
paradoxus. Traquair, R. H. 590.	Stegosaurus [Dinosauria].
EUCTENODOPSIS n. gen. Wellburn, E.	marshi. Lucas. F. A. 319.
621.	STEREOGENYS n. gen. [Chelonia].
tenuis. Wellburn, E. 621.	Andrews, C. W. 23.
Leuciscus [Cyprinidae].	THALATTOSUCHIA n. gen. [Crocodiliä].
turneri. Lucas, F. A. 318.	Fraas, E. 179.
Mesodon [Pycnodontidae].	6031 MAMMALIA.
bouchardi. Sauvage, H. E.	****
500.	AELUROTHERIUM [Carnivora]. ———— bicuspis, Wortmann, J. L.
lennieri. Sauvage, H. E.	OCCISORS WORLDAND, J. L.
500.	656.

AETICAMELUS n. gen. [Artiodactyla]. Matthew, W. D. 347.	Wortmann, J. L. 656.
AMPHICYON [Carnivora]. americanus. Wortmann, J. 656.	washakius. Wortmann, J. L. 656.
Anoplotherium [Artiodactyla]. birmanicum. Noetling, F. 390.	oodectes n. gen. [Carnivora]. Wortmann, J. L. 656. herpestoides. Wortmann, J. L. 656.
Bradytherium [Edentata]. madagascariense. Grandidier, G. 204.	PALAEOMASTODON n. gen. [Proboscidea]. Andrews, C. W.
Equus [Perissodactyla]. giganteus. Gidley, J. W. 197.	23. PALAEOSINOPA n. gen. [Carnivora]. Matthew, W. D. 346.
EPOREODON [Artiodactyla]. major var. cadrensis n. var. Matthew, W. D. 347.	veterrima. Matthew, W. D. 346.
HARPAGOLESTES n. gen. [Carnivora.] Wortmann, J. L. 656. macrocephalus. Wortmann, J. L. 656,	PROSCALOPS n. gen. [Insectivora]. Matthew, W. D. 347. miocaenus. Matthew, W. D. 347.
LEPTOCHOERUS [Artiodactyla]. ———— quadricuspis. Hatcher, J. B. 221.	PROTAPIRUS [Perissodactyla]. robustus. Sinclair, W. J. 542.
MERYCOCHOERUS [Artiodactyla]. ————————————————————————————————————	PROTOMERYX [Artiodactyla]. campester. Matthew, W. D. 347.
elrodi. Douglass, E. 148. compressidens. Douglas, E. 148.	SOREX [Insectivora].
madisonius. Douglass, E. 148. (?) obliquidens (?) Douglass, E. 148.	osborni. Lucas, F. A. 316. Viverravus [Carnivora]. minutus. Wortmann, J L. 656.
Mustela [Carnivora]. ogygie. Matthew, W. D. 347.	Vulpavus [Carnivora]. hargeri. Wortman, J. L. 656.

PALEOBOTANY.

A. STRATIGRAPHICAL CLASSIFICATION.

35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

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Kern. Entstehung der Kohlen. (Vortrag.) Schillings J. Gasbeleucht., München, 44, 1901, (320–321). [H 28 J 27].

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Arber, Alexander Newell. On the Clarke collection of fossil plants from New South Wales. London, Proc. Geol. Soc., 1901-1902, (304), [repr. in] Geol. Mag., London, (N. Ser.), 8, [4], 1901, (573). [0060 M 5000 8000].

Descriptions of specimens of fossil plants from Australia, in the Clarke Collection in the Geological Museum, Cambridge. [Abstract.] Nature, London, 64, 1901, (613). [0060 M 5000]

35.5400 DICOTYLEDONS.

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 12,
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 (725-730).
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 7400

 H 28
 J 43].

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50.7400 ALGAE.

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Ciarpi, B. La Cruziana (Bilobites) Sardoa Mgh. (Nota preventiva). Proc. verb. Soc. tosc. sc. nat., Pisa, 12, 1901, (223-227).

55 UPPER PALÆOZOIC.

55.5000 GENERAL PALAEO-BOTANY.

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Seward, A[lbert] C[harles]. Catalogue of the Mesozoic plants in the British Museum (Natural History). The Jurassic Flora. 1. The Yorkshire coast. London, 1900 [1901]. (XII + 341, pl. 1-21). 22 cm. [0060].

Yorkshire. Geol. Mag., London, (Ser. 2), 8, [4], 1901, (36).

ed Cochin China: Tonquin, Annan.

Zeiller. Note sur la flore fossile du Tonkin. 8° Congrès géologique international, 1900, Paris, 1, 1901, (498-501).

gf United States as a whole.

Seward, A[lbert] C[harles]. Floras of the past. [A review of the "status of the Mesozoic floras of the United States." The older Mesozoic, by Lester F. Ward, and others. Extracted from the Ann. Rep. U.S. Geol. Survey, 20]. Nature, London, 64, 1901, (633–634). [65.5000 gf M 5000 8000].

70.6500 GYMNOSPERMS.

Huene, F. von. Kleine palaeontologische Mittheilungen. [2. Zamites] N. Jahrb. Min., Stuttgart, 1901, 1, (1-8, mit 2 Taf.; 157-160, mit 1 Taf.). [70.0831 70.5631 N 0831 5631 M 6500].

Seward, A[lbert] C[harles]. On the structure and origin of jet [from coniferous wood]. London, Rep. Brit. Ass., 1901, (856); [abstract], London, J. Soc. Arts, 49, 1901, (796); cf. Nature, London, 64, 1901, (613). [35.6500 M 6500].

df France and Corsica.

Fliche, Paul. Un nouveau Cycadeoidea. Paris, Bul. soc. géol., (sér. 4), 1, 1901, (193).

75 CRETACEOUS.

75.5000 GENERAL PALÆC-BOTANY.

Seward, A[lbert] C[harles]. A chapter in plant-evolution: Jurassic floras shewn in the relation of the Rhaetic to the Wealden floras. London, Rep. Brit. Ass., 1901, (856); [abstract] Nature, London, 64, 1901, (618). [65.5000 70.5000 0200 M 4400].

de British Islands.

Jukes-Browne, A. J. and Scanes, J. On the Upper Greensand and Chloritic Marl of Mere and Maiden Bradley in Wiltshire. London, Q. J. Geol. Soc., 57, Part 1, 1901, (96-125, pls. III-V). [75.0231 de].

gi Western United States, West of Mississippi.

Gould, C. M. The Dakota Cretaceous of Kansas, and Nebraska. Topeka, Trans. Kans. Acad. Sci., 17, (1899–1900), 1901, (122–178, with pl.). [75.0231 gi H 75 gi].

75.6700 VASCULAR CRYPTO-GAMS.

dc German Empire.

Richter, [P.]. Ueber Pflanzen aus dem Neocom des Langenberges bei Quedlinburg. Berlin, Zs. D. geol. Ges., 53, 1901, Verhandl., (20-22). IM 6700].

75.7400 ALGÆ AND SCHIZO-PHYCEÆ.

id Queensland.

Dun, W[illiam] S[utherland], David, J[annet] W[illiam] E[dgeworth]; and Rands, W. H. Note on the occurrence of diatoms, radiolaria, and infusoria in the Rolling Downs formation (Lower Cretaceous), Queensland. Sydney, Proc. Linn. Soc. N.S.W., 26, 1901, (299-309, 3 pls.). [75.0431 id].

85 LOWER CÆNOZOIC (EOCENE, OLIGOCENE.)

85.5000 GENERAL PALÆO-BOTANY.

dc German Empire.

Zinndorf, Jakob. Mitteilungen über die Baugrube des Offenbacher Hafens. Ein Beitrag zur geologischen und palaeontologischen Kenntniss der Cyrenenmergelschichten im nord-östlichen Teile des Mainzer Beckens, nebst einem Fundbericht über bearbeitete Baumstämme aus praehistorischer Zeit. Offenbach, Ber. Ver. Natk., 37–42, 1901, (87–146, mit 4 Taf.). [85.0231 de 85.2231 de 85.6031 de H 85 de P 3500 N 0231 M 5000].

de British Islands.

Johnson, J. P. The Eocene flora and fauna of Walton-on-the-Naze, Essex. Stratford, Essex, Nat., 11, 1900, 1901, (284-287).

dh Italy: Sicily and Sardinia.

Peola, Paolo. La vegetazione in Piemonte durante l'Era terziaria. Riv. fis. mat. sc. nat., Pavia, 1901, (Estr. 1-45).

eg Malay Peninsula with the Philippines.

Becker, George H. Report on the geology of the Philippine Islands . . . [with translation] of Ueber Tertiäre Fossilien von den Philippinen, (1895), by K. Martin, [and Bibliography]. Washington, D.C., Dept. Int. Rep. U.S. Geol. Surv., 1901, (3), (493–625, with 3 pls.). [85.0231 eg 90.0231 eg 90.5000 eg H 0030 10 eg].

Martin, K. Ueber Tertiäre Fossilien von den Philippinen. English translation by G. H. Becker in Report on the Geology of the Philippine Islands. Washington, D.C. Dept. Int. Rep. U.S. Geol. Surv., 1901, Part 3, (493-625, with pls.). [85.0231 eg 90.0231 eg 90.5000 eg].

141 90

gh South Eastern United States, East of Mississippi.

Clark, William Bullock and Martin, George Curtis. The Eccene deposits of Maryland. Maryland, Baltimore, Geol. Surv., Eccene, 1901, (21-92, with 9 pl.). [85.0231 gh H 85 gh].

85.5400 DICOTYLEDONS.

db Russia in Europe.

Palibin, I. Quelques données relatives aux débris végétaux contenus dans les sables blancs et les grès quartzeux de la Russie méridionale. (russ.) S. Peterburg, Bull. Com. Géol., 20, 1901, (447-494, rés. fr. 495-506, av. 2 pl.). [H 85 db].

dh Italy: Sicily and Sardinia.

Squinabol, Senofonte. Su alcune filliti eoceniche del Vicentino. Riv. ital. paleont., Bologna, **7**, 1901 (69-72, con tav.).

ic Australia as a whole.

Deane, [Henry]. Observations on the Tertiary flora of Australia, with special reference to Ettingshausen's theory of the Tertiary cosmopolitan flora. Part ii. On the venation of leaves and is the determination of botanical affinities. Sydney, Proc. Linn. Soc. N.S.W., 25, 1900, [1901], (581-590, 5 pl.).

85.6000 *MONOCOTYLEDONS*.

de British Islands.

Jones, T[homas] Rupert. History of the Sarsens. [rootlets] Geol. Mag., London, (Ser. 2), 8, [4], 1901, (54-59; 115-125).

dh Italy: Sicily and Sardinia.

Squinabol, Senofonte. Su alcune filliti eoceniche del Vicentino. Riv. ital. paleont., Bologna, 7, 1901, (69-72, con tav.).

gg North Eastern United States, East of Mississippi.

Hatcher, J. B. Sabal rigida; a new species of palm from the Laramie, Pittsburg, Pa., Mem. Carnegie, Mus., 1, 1901, (263-264). [M 6000 †].

85.6500 GYMNOSPERMS.

Dahms, Paul. Mineralogische Untersuchungen über Bernstein. VII. Danzig, Schr. natf. Ges., (N. F.), 10, H. 2. 3, 1901, (243-257, mit 1 Taf.). [G 50 D 6500].

dc German Empire.

Dahms, P. Ueber das Vorkommen und die Verwendung des Bernsteins. Zs. prakt. Geol., Berlin, 9, 1901, (201–211). [G 83 H 85].

Häpke, [L.]. Nachtrag zu den Bernsteinfunden. Bremen, Abh. natw. Ver., **15**, 1901, (307–310). [M 6500 G 60].

90 UPPER CÆNOZOIC. (MIOCENE, PLIOCENE.)

90.5000 GENERAL $PAL \not\equiv OBOTANY$.

dh Italy: Sicily and Sardinia.

Peola, Paolo. La vegetazione in Piemonte durante l'Era terziaria Riv. fis. mat. sc. nat., Pavia, **1901**, (Estr. 1-45). [85.5000 dh].

eg Malay Peninsula with the Philippines.

Becker, George H. Report on the geology of the Philippine Islands... with translation of "Ueber Tertiäre Fossilien von den Philippinen, (1895)," by K. Martin, and Bibliography. Washington, D.C. Dept. Int. Rep. U.S. Geol. Surv., 1901, (3), (493-625, with 3 pls.). [85.0231 eg 90.0231 eg 85.5000 H 0030. 10].

wartin, K. Ueber Tertiäre Fossilien von den Philippinen. English translation by G. H. Becker in "Report on the Geology of the Philippine Islands. . . . " Washington, D.C., Dept. Int. Rep. U.S. Geol. Surv., 1901, (3), (493-625, with pls.). [85.0231 eg 90.0231 eg 85.5000 eg].

90.6500 GYMNOSPERMS.

dk Austria-Hungary.

Menzel, Paul. Die Gymnospermen der nordböhmischen Braunkohlenformation. Dresden, SitzBer. Isis, 1900, 1901, (49-69, 85-110, mit 4 Taf.). [M 6500 8000].

gi Western United States, West of Mississippi.

Knowlton, F[rank] H[all]. A fossil nut pine from Idaho. New York, N.Y., Torreye, Torrey Bot. Cl., **1901**, (113-115). [M 6500 8000].

95 PLEISTOCENE AND RECENT.

95.5000 GENERAL PALÆO-BOTANY.

da Scandinavia.

Tolf, R. Exploration of peat mosses in the Province of Orebro, Middle Sweden, in the summer of 1900. (Swedish). Sv. Mosskult. Tidskr., Jönköping, 1901, (28–35).

db Russia in Europe.

Lindberg, Harald. [Finländische Torfmoore]. (schwedisch). F. Mosskult. Årsb., Helsingfors, 1900, 1901, (185–257). [95.0231].

dc German Empire.

Beyle, M. Ueber ein altes Torfmoor im hohen Elbufer vor Schulau. Hamburg, Verh. Ver. natw. Unterh., 11, 1901, (199-205). [95.0231 dc J 27 H 95 dc K 95.0231 dc M 8000].

Drude, Oscar. Die postglaciale Entwickelungsgeschichte der hercynischen Hügelformationen und der montanen Felsflora. Dresden, SitzBer. Isis, 1900, 1901, (70-84). [M 8000 3700 H 95 de J 23 de].

de British Islands.

Bell, A. M. Plants and Coleoptera from a deposit of Pleistocene age at Wolvercote, Oxfordshire. London, Rep. Brit. Ass., 1901, (645); Geol. Mag., London, (Ser. 2), [4], 8, 1901, (565). [95.6500 95.2431 de].

Reid, Clement. Further note on the palaeolithic deposits at Hitchin [with list of the seeds and fruits hitherto obtained]. Hertford, Trans. Nat. Hist., Soc., 11, 1901, (63-64). [M 5000 8000].

Scharff, R[obert] F[rancis]. The Irish flora and the glacial period: a rejoinder. Irish Nat., Dublin, 10, 1901, (68-99). [M 5000 8000].

Smith, John [of Kilwinning], Thomas Scott, and James Steel. in Elliot, G. F. S. and others. The post-drift fossils of the Clyde drainage area at low levels, (528-545). Brit. Assoc. . . . Fauna of the Clyde Area, 1901. [M 5400 6000 7000 7400].

95.5400 DICOTYLEDONS.

da Scandinavia: Sweden, Norway, Denmark Iceland Faroes.

Tolf, Rob[ert]. Distribution of the Eriophorum peat in Sweden. (Swedish). Sv. Mosskult. Tidskr., Jönköping, 1901. (38–40).

dc German Empire.

Barfod, H. Die Wassernuss [in Schleswig-Holstein]. Heimat, Kiel, 11, 1901, (236-243). [M 5400].

de British Islands.

Niven, W. N. On the distribution of certain forest trees in Scotland, as shown by the investigation of post-glacial deposits. London, Rep. Brit. Ass., 1901, (839-841). [0100].

95.6000 MONOCOTYLEDONS.

da Scandinavia: Sweden, Norway, Denmark Iceland Faroes.

Tolf, Rob[ert]. Distribution of the Eriophorum peat in Sweden. (Swedish). Sv. Mosskult. Tidskr., Jönköping, 1901, (38-40).

95.6500 GYMNOSPERMS.

de British Islands.

. **Bell**, A. M. Plants and Coleoptera of Pleistocene age from Wolvercote. London, Rep. Brit. Ass., **1901**, (645); Geol. Mag., London, (Ser. 2), [4], **8**, 1901, (565). [95.5000 de 95.2431 de].

95.7000 MOSSES AND HEPA-TICÆ.

dc German Empire.

Geheeb, Adalbert. Ueber ein fossiles Laubmoos aus der Umgebung von Fulda. Bot. Centralbl., Cassel, Beihefte, 10, 1901, (125–127). [M 7000 †*].

Rompel, Jos. Ueber die Moose aus der Kulturschicht von Schussenried.

Natur u. Offenb., Münster, 47, 1901, (557-569). [M 7000 8000 P 3600].

95.7400 ALGÆ AND SCHIZO-PHYCEÆ.

dc German Empire.

Bünte, Wilhelm. Die Diatomeenschichten von Lüneburg, Lauenburg, Boizenburg und Wendisch-Wehningen. Güstrow, Arch. Ver. Natg., 55, 1901, (39-164, mit 1 Taf.); Diss. Rostock. Güstrow (Druck von C. Michaal), 1901, (133, mit 1 Taf.). 21 cm. [H 28 dc M 7400].

dh Italy: Sicily and Sardinia.

Corti, Benedetto. Sulle diatomee dell'Olona. Milano, Rend. Ist. lomb., (Ser. 2), 34, 1901, (764-767).

95.7900 PLANTS OF UNASCER-TAINED POSITIONS.

de British Islands.

Geikle, Sir Archibald. Rediscovery of a tree-trunk embedded in volcanic ash in Mull. Nature, London, **64**, 1901, (565).

PALEOBOTANY.

B. BOTANICAL CLASSIFICATION.

5400 DICOTYLEDONS.

5400.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Archihicoria siouxensis. [Juglandaceae]. **Knowlton**, F[rank]. H[all]. Washington, D.C., 4, 1901, (51-52).

Cinnamomum. Staub, M. Math. Termt. Ert. Budapest, 19, 1901, (417-433).

Ficoxylon schenki n. nom. (= F. cretaceum Schenk.) Blanckenhorn, Max. Berlin, Zs. D. geol. Ges., 53, 1901, Aufsätze, (52-132, 307-502, mit 4 Taf.).

Hydrangea. [Saxifragaceae.] **Knowlton**, F[rank H[all]. Plant World, Washington, D.C., 4, 1901, (73-74).

5400.55 TRIASSIC.

Strobila [Boragineae]. Etheridge jr. Robert. Sydney, Rec. Austr. Mus., 4, 1901, (1-4, pl. 1, 2).

5400.95 PLEISTOCENE AND RECENT.

Trapa bispinosa. **Barfod**, H. Heimat, Kiel, **11**, 1901, (236–243).

6000 MONOCOTYLEDONS.

6000.65 TRIASSIC.

Naiadita. [Lycopodeae?]. **Sollas**, I. B. J. London, Q. J. Geol. Soc., **57**, 1901, (307-312, figs. and pl.).

6000.85 LOWER CAENOZOIC. (EOCENE, OLIGOCENE.)

[Sabal rigida n. sp.] [Palmae]. **Hatcher**, J. B. Pittsburg, Pa., Mem. Carnegie Mus., **1**, 1901, (263-264).

Stratiotites websteri (Brogn.) n. gen. [nom]. n. sp. **Zinndorf**, Jakob. Offenbach, Ber. Ver. Natk., **37-42**, 1901, (87-146, mit 4 Taf.).

6000.95 PLEISTOCENE AND RECENT.

Eriophorum. [Cyperaceae]. Tolf, Robert. Sv. Mosskult. Tidskr., Jönköping, 1901, (38-40).

6500 GYMNOSPERMS.

6500.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Aethiotesta, Brongn. [Structure of seed]. Oliver, F. W. London, Rep. Brit. Ass., 1901, (851).

Araucarioxylon. Krause, Ernst. Prometheus, Berlin, 12, 1901, (262-265).

Dadoxylon (North American species). . . . Penhallow, D.P. Ottawa, Trans. R. Soc. Can., II, 6, (Sect. IV.), 1901, (51-97, with 6 pl.).

Sequoia . . . [Coniferae]. **Knowiton**, F[rank] H[all]. Plant World, Washington, D.C., **4**, 1901, (111).

Stephanospermum, Brongn. [Structure of seed]. Oliver, F. W. London, Rep. Brit. Ass., 1901, (851).

6500.55 UPPER PALAEOZOIC.

Whittleseya. White, D. Ottawa Nat., 15, 1901, (98-110).

6500.65 TRIASSIC.

Pagiophyllum. [Coniferae]. Schütze, E. Stuttgart, Jahreshefte Ver. Natk., 57, 1901, (240-274, mit 5 Taf.).

145 7000

Voltzia. [Coniferae]. Schütze, E. Stuttgart, Jahreshefte Ver. Natk., 57, 1901, (240-274, mit 5 Taf.).

Widdringtonites. [Coniferae]. Schittee, E. Stuttgart, Jahreshefte Ver. Natk., 57, 1901, (240-274, mit 5 Taf.).

6500.70 JURASSIC.

Zamites. [Cycadaceae] infraooliticus. n. sp. Huene, F. von. N. Jahrb. Min., Stuttgart, 1901, 1, (1-8, mit 2 Taf.).

6500.90 UPPER CAENOZOIC. (MIOCENE, PLIOCENE).

Athrotaxidium. [Coniferae] bibilinicum, n. sp. Menzel, Paul. Dresden, SitzBer. Isis, 1900, 1901, (49-69, 85-110, mit 4 Taf.).

Pinus. [Coniferae]. n. spp. Menzel, Paul. Dresden, SitzBer. Isis, 1900, 1901, (49-69, 85-110, mit 4 Taf.).

_____ [Coniferae] lindgrenii n. sp. Knowlton, F[rank] H[all]. New York, N.Y., Torreya. Torrey Bot. Cl., 1, 1901, (113-115).

6500.95 PLEISTOCENE AND RECENT.

Taxus. [Coniferae] [Yew-wood fossil.] Newton, E. T. Geol. Mag., London, (ser. 2), [4], 9, 1902, (48).

G700 VASCULAR CRYPTO-GAMS.

6700.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Dipteris. [Dipteridinae]. Seward, A. C. and Dale, Elizabeth. London, Proc. R. Soc., 68, 1901, (373-374).

Equisetum. Gwynne-Vaughan, ID. T. London, Rep. Brit. Ass., 1901, (850).

Le pid ophloios. Bennie, James. Glasgow, Trans. Geol. Soc., 11, (2), 1900, [1901], (263, 264).

Todea . . . anatomy of. [Osmund-sceae]. Seward, A. C. and Ford, S. O. Geol. Mag., London, (ser. 2), [4], 8, 1901, (564); London, Rep. Brit. Ass., 1901, (847); [Abstract.] Nature, London, 64, 1901, (617).

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6700.55 UPPER PALAEOZOIC.

Archaeosigillaria vanuxemi (Göpp.) **Kidston**, R. Glasgow, Trans. Nat. Hist. Soc., **6**, (1), 1901, (38, 39).

Calamites. Jeffery, E. C. Ann. Bot., Oxford, 15, 1901, (135-146, pl. 2).

D. H. London, Rep. Brit. Ass., 1901, (849); Nature, London, 64, 1901, (617); Ann. Bot., Oxford, 15, 1901, (773-774).

Cladophlebis roylei. **Arber**, E. A. N. Geol. Mag., London, (Ser. 2), **8**, [4], 1901, (548).

Lepidocarpon. [Restiaceae]. **8cott**, D. H. London, Proc. R. Soc., **68**, 1901, (117).

Lepidodendron. Weiss, F. E. Manchester, Mem. Lit. Phil. Soc., 45, (3), 1901, no. 7, (22, with 2 pl.).

Lepidophloios. **Weiss**, F. E. Manchester, Mem. Lit. Phil. Soc., **45**, (3), 1901, no. 7, (22, with 2 pl.).

Lycopodites. [Solanaceae]. ciliatus. **Kidston**, R. Glasgow, Trans. Nat. Hist. Soc., **6**, (1), 1901, (37)

6700.65 TRIASSIC.

. . . Naiadita [lanceolata, Buckman; a suggested Lycopod]. Sollas, Igerna B. J. London, Q. J. Geol. Soc., 57, 1901, (307-312, with pl. and figs.).

6700.75 CRETACEOUS.

Hausmannia dichotoma. Richter, [P.]. Berlin, Zs. D. geol. Geo., 53, 1901, Verhandl., (20-23).

Kohlmannopteris insignis. Richter, [P.]. Berlin, Zs. D. geol. Ges., 53, 1901, Verhandl., (20-22).

Weichselia ludovicae. Richter, [P.] Berlin, Zs. D. geol. Ges., 53, 1901, Verhandl., (20-22).

7000 MOSSES AND HEPATICAE.

7000.95 PLEISTOCENE AND RECENT.

Hypnum [Hypnaceae] fluitans L., forma fossilis. Geeheeb, Adalbert. Bot. Centralbl., Cassel, Beihefte, 10, 1901, (125-127).

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7400 ALGAE AND SCHIZO-PHYCEAE.

7400.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Melobesien . . . Foalie, M. Trondhjem, kgl. Vid. selsk. Skr., 1901, No. 2, 1901, (28).

7400.50 LOWER PALAEOZOIC.

Bilobites sardoa, Mgh. Ciarpi, B. Proc. Verb. tosc. sc. Nat., Pisa, 1, 1901, (223-227).

7400.95 PLEISTOCENE AND RECENT.

Fragilaria construens (Ehrb.) Grun. var. amphitetras. n. sp. **Bünte**, Wilhelm. Güstrow, Arch. Ver. Natg., **55**, 1901, (39-164, mit 1 Taf.).

7900 PLANTS OF UNASCER-TAINED POSITION.

7900.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Adelophyton jutieri gen. et sp. n. Renault, B. Paris, C.-R. Acad. sci., 132, 1901, (268-269).

LISTS OF NEW GENERA AND SPECIES.

6000 MONOCOTYLEDONS.	6700 VASCULAR CRYPTOGAMS.
SABAL [Palmae]. ————————————————————————————————————	Archaeosigillaria [Lycopodiales]. ———— vanuxemi Kidston, Robert. (syn. Sigillaria, Goepp., Lycopodites, Kidston).
670 websteri (Brogn.). Zinndorf, J. 670.	CALAMITES [Equisetales]. pettycurensis. Scott, D. H. 517.
	LYCOPODITES [Lycopodiales]. ———————————————————————————————————
6500 GYMNOSPERMS.	
ATHROTAXIDIUM [Coniferae]. ————————————————————————————————————	7400 ALGÆ AND SCHIZO- PHYCEÆ.
Pinus [Coniferae]. ————————————————————————————————————	FRAGILARIA [Diatomaceae]. construens (Ehrb.) Grun. var. amphitetras n. sp. Bünte, W. 87.
——— horrida. Menzel, P. 354.	
laricioides. Menzel, P. 354. lindgrenii. Knowlton, F. H.	7900 PLANTS OF UNASCER- TAINED POSITION.
283. Zamtes [Cycadaceae].	ADELOPHYTON n. gen. [Incertae sedis]. Renault, B.
infra-ooliticus. Huene, F. v.	jutieri. Renault, B.

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ALPHABETICAL LIST OF NAMES OF NEW SPECIES. VARIETIES AND GENERA.

(The names of New Genera are in italics.)

Abbreviata Alaria; Schlosser, M. Amphitetras n. var. Fragilaria con-502. struens; Bünte, W. 87. n. gen. Matthew, G. F. Acrothyra Aulopora; Rowley, R. R. Amplexa 342. 483. Ampulla Corbulipora; Maplestone, Actaeonelliformis Itieria; Schnar-C. M. 333. renberger, C. 510. Amygdaloides Dione; Noetling, F. Acuminata Athyris; Drevermann, 390. F. 150. Anathyris n. subgen. Peetz, H. v. Himeraelites ; Acuta Schnarren-425. berger, C. 510. Angusta Cornuspira; Friedberg, W. Acuticauda Leda; Pritchard, G. B. 183. 455. Annulatum Cyathophyllum; Peetz, Adelophyton n. gen. Renault, B. 466 H. v. 425. Anomala Estheria; Jones, T. R. Aegyptiaca Melanopsis; Blancken-254. horn, M. 62. Anthonensis Scenidium; Sardeson, n. gen. Matthew, W. D. Aeticamelus F. W. 498. 347. Apenninica Delphinula; Affinis Lorica; Ashby, E. and Torr, berger, C. 510. W. G. 31. Aquila Zygospira; Sardeson, F. W. Airensis Lepralia; Maplestone, 498. C. M. 333. Aquilensis Lima; Schnarrenberger, C. 510. Alcockianius Ceratotrochus; Noetling, F. 390. Aquilensis Pseudomelania; Schnar-Coelostylina; Böhm, J. renberger, C. 510. Algarvensis 66. Archiacana v. d'archiacana. Algarvensis Neritopsis; Böhm, J. Arrakanensis Dione; Noetling, F. 66. Alleganius Lepidodiscus; Clarke, Atava Monogerina; Spandel, E. 559. J. M. 109. Aucellina n. gen. Pompeckj, J. F. Alleni Axophyllum; Rowley, R. R. 443. 483. Authelini Eryma; Méchin, A. Alta Scurria; Schnarrenberger, C. Avaënis Conus; Noetling, F. 510. Avaënsis Leda; Noetling, F. Altiramus Merycochoerus; Douglass, Aviculifera Membranipora; Maple-E. 148. stone, C. M. 333. Americanus Amphicyon; Wortmann, J. 656. Balcombei Modiolaria; G. B. 455 Trochaminina; Grzy-Ammonoides Baltica bowski, J. 213, 214. Leptophyllia; Hennig, A. 227. **Affiniformis** Turritella; Noetling, F.

Basedowi

390.

Scharren-

350.

390.

Pritchard,

Tellina; Basedow, H.

Batschati Spirifer; Peetz, H. v. 425. Bayardi Strombus; Borchert, A. 72. Beecheri Agelacrinites; Clarke, J. M. 109. Bellis Membranipora; Maplestone, C. M. 333. Bennetti Cyrtolites; Rowley, R. R. 483 Sardeson, Bernensis Camarella; F. W. 498. Beuhauseni Conocardium; Drevermann, F. 150. Obolus; Walcott, C. D. Bicensis 610. Walcott, C. D. 610. Bicia n. gen. Wort-Bicuspis Aeleurotherium; mann, J. L. 656. Athrotaxidium; Menzel, Bilinicum P. 354. Birmanica Leda; Noetling, F. 390. Xenophora; Noetling, F. Birmanica Anoplotherium; Noet-Birmanicum ling, F. 390. Blanfordianus Pholas; Noetling, F. 390. Glauconia; Schnarrenberger, Böhmı C. 510. Zinndorf, Boettgeri Ancylus; 670. Bœttgeri Dentalium; Noetling, F. 390. Bornemanni Obolus; Walcott, C. D. 610. Bouchardi Mesodon; Sauvage, H. E. 500. n. gen. Woodward, H. Brachylepas Dentalina; Spandel, E. 559. Bradyi Brasiliana Oliva; Borchert, A. Bravardi Calliostoma; Borchert, A. 72. **Brevissimus** Phacops; Drevermann, F. 150. Brusnitzini Favosites; Peetz, H. v. Buddhaica Modiola; Noetling, F. 390.

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Turgida	Cribrilina; Maplestone, C. M. 333.	Vicinus	Cypricardites; Sardeson, F. W. 498.
Turneri	Leuciscus; Lucas, F. A. 318.	Waageni	Aviculopecten; Fliegel, G. 166.
Umbilicata	Aptyxiella; Geiger, P. 192.	Wachsmuthi	Acrocrinus; Rowley, R. R. 483.
Ungulatus	Dimyodon; Böhm, J. 66.	Walcottanus	Olenellus; Wanner, A. 614.
Unicinctum	Strioterebrum; Noetling, F. 390.	Washakius	Neovulpavus; Wortmann, J. L. 656.
Unicostalis	Littorina; Borchert, A. 72.	Websteri	Stratiotes; Zinndorf, J. 670.
Uviformis	Trochammina; Grzybow- ski, J. 213, 214.	Wenjukowi	Spongophyllum; Peetz, H. v. 425.
Vaillanti	Nummopalatus; Priem, F. 454.	Westonia	n. subgen. Walcott, C. D. 610.
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Vanuxemi	Archaeosigillaria; Kidston, R. 270.	Willcanniae	Craspedarges; Gürich, G. 215.
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Varicosus	stone, C. M. 333. Euomphalus; Drevermann, F. 150.	Yawensis	Arca (Anomalocardia); Noetling, F. 390.
Variegata	Trochammina; Friedberg, W. 183.	Yomaënsis	Cytherea; Noetling, F. 390.
Ventrosa	Gervillia; Böhm, J. 66.	Yuleianus	Conus; Noetling, F 390.
Verbeeki	Aviculopecten; Fliegel, G.	Zitteli I	ucina; Deninger, K. 138.
AGLDGGKI	166.	Ziziniae	Pecten; Blanckenhorn, M.
Vermicular	is Amplexus; Rowley, R. R. 483.	Zoopi O	62. bolus; Walcott, C. D. 610.



LIST OF JOURNALS WITH ABBREVIATED TITLES.

Acireale, Atti Acc. Zelanti	Atti e Rendiconti della R. Accademia degli Zelanti, Acircale.	1 It.
Adelaide, S. Aust., Trans. R. Soc.	Transactions of the Royal Society of South Australia, Adelaide.	6 S. Aust.
Albany, N.Y., Bull. Mus. Nat. Hist. Univ.	Bulletin. Museum of Natural History. University of the State of New York, Albany, N.Y.	4 U.S.
Albany, N.Y., Rep. Mus. Nat. Hist. Univ.	Report. Museum of Natural History. University of the State of New York, Albany, N.Y.	7 U.S.
Allg. Zs. Ent., Neudamm	Allgemeine Zeitschrift für Entomologie, hrsg. v. Schroeder u. Lehmann. Neudamm. [½ monatl.]	34 Ger.
Amer. Geol., Minneapolis, Minn.	American Geologist, Minneapolis, Minnesota.	15 U.S.
Amer. J. Sci., New Haven, Conn.	American Journal of Science, New Haven, Conn.	19 U.S.
Amer. Nat., Boston, Mass.	The American Naturalist, Boston, Mass.	22 U.S.
Amsterdam, Proc. Sci. K. Akad. Wet.	Proceedings of the Sections of Sciences, Koninklijke Akademie van Weten- schappen, Amsterdam, 8vo.	3 Hol.
Amsterdam, Verh. K. Akad. Wet., 2 Sect.	Verhandelingen der Koninklijke Akad- emie van Wetenschappen, 2° Sectie (Natuurhistorische Geologische en Medische Wetenschappen), Amster- dam, 8vo.	6 Hol
Amsterdam, Versl. Wis. Nat. Afd. K. Akad. Wet.	Verslagen der Vergaderingen van de Wis- en Natuurkundige Afdeeling der Koninklijke Akademie van Wetenschappen, Amsterdam, 8vo.	7 Hol.
Ann. Bot., Oxford	Annals of Botany, Oxford	4 U.K.
Ann. Mag. Nat. Hist., London	Annals and Magazine of Natural History, London.	7 U.K.
Annot. Zool. Jap., Tökyö	Annotationes Zoologicae Japonenses. European langunges. Tōkyō, Japan.	1 Jap.
Ann. Univ. Grenoble, Paris	Annales de l'Université de Grenoble, publiées par les Facultés de droit, des sciences et des lettres, et par l'école de médecine. Paris. [trois numéros par an.]	81 Fr.
Ann. Univ., Lyon	Annales de l'Université, Lyon (Rhône). [irrégul.]	82 Fr.
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Anthr., Paris	Anthropologie (Réunion des Matériaux pour l'histoire de l'honnne, de la Revue d'anthropologie, et de la Revue d'ethnographie. Dir. Boule et Verneau. Paris. [bimestr.].	103 Fr.
Arch. Naty., Berlin	Archiv für Naturgeschichte, hrsg. v. Hilgendorf, Berlin. [6 H. jährl.]	78 Ger.
Arch. zool., Paris	Archives de zoologie expérimentale et générale. Fond. H. de Lacaze- Duthiers (avec "Notes et Revue"). Paris. [trimestr.]	136 Fr.
Atti Soc. tosc. sc. nat., Pisa	Atti della Società toscana di scienze naturali, Pisa.	26 lt.
Austin, Trans. Texas Acad. Sci.	Transactions of the Texas Academy of Science, Austin.	31 U.S.
Autun, Bul. soc. hist. nat	Bulletin de la société d'histoire naturelle. Autun (Saône-et-Loire).	149 Fr.
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Berlin, SitzBer. Ak. Wiss.	Sitzungsberichte der kgl. preussischen Akademie der Wissenschaften. Ber- lin. [wöch.]	182 Ger.
Berlin, SitzBer. Ges. natf. Freunde	Sitzungsberichte der Gesellschaft natur- forschender Freunde zu Berlin. Berlin. [jährl. in zwangl. H.]	183 Ger.
Berlin, Verh. Ges. Anthr	Verhandlungen der Berliner Gesell- schaft für Anthropologie, Ethnologie und Urgeschichte, red. v. Virchow. Berlin.	1261 Ger.
Berlin, Zs. D. geol. Ges	Zeitschrift der deutschen geologischen Gesellschaft. Berlin. [‡ jährl.]	199 Ger.
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Globus, Braunschweig	Globus. Illustrirte Zeitschrift für Länder- und Völkerkunde, hrsg. v. Andree. Braunschweig. [wöch.]	525 Ger.
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Montreal, Canad. Rec. Sci.	The Canadian Record of Science (Organ of the Montreal Natural History Society), Montreal.	18 Can.
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burg.	рбургъ [Revue scientifique. St. Pétersbourg].	
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Ottawa, Trans. R. Soc. Can.	Transactions of the Royal Society of Canada, Ottawa.	26 Can.
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Pop. Sci. Mon., New York, N.Y.	Popular Science Monthly, New York, N.Y.	392 U.S.
Proc. verb. Soc. tosc. sc. nat., Pisa	Processi verbali della Società toscana di scienze naturali, Pisa.	154 It.

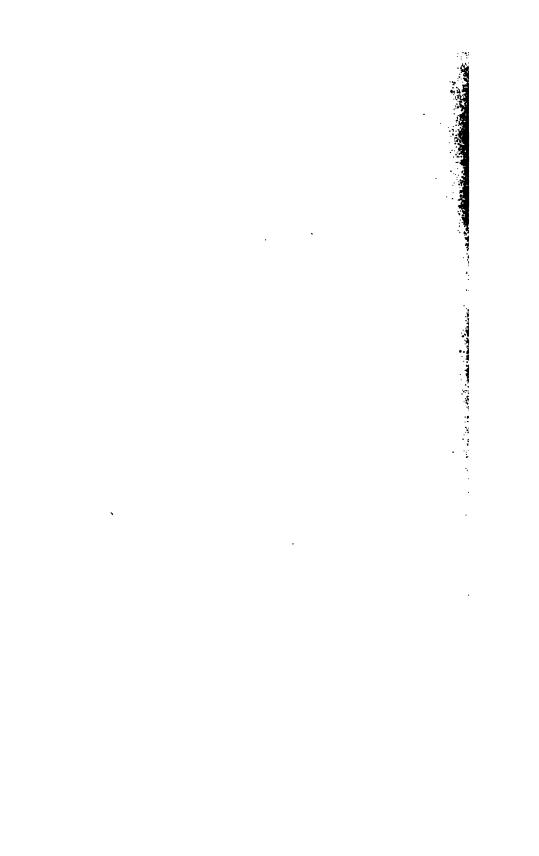
Prometheus, Berlin	Prometheus. Illustrirte Wochenschrift über die Fortschritte in Gewerbe, Industrie und Wissenschaft, hrsg. v. Witt. Berlin. [wöch.]	938 Ger.
Rep. Mus. Ass	Report of the Museums Association; no place of publication.	390 U.K.
Rev. Auvergne, Clermont- Ferrand	Revue d'Auvergne. Clermont-Ferrand (Puy-de-Dôme). [bimestr.]	671 Fr.
Rev. sci., Paris	Revue scientifique de la France et de l'étranger. Dir. Ch. Richet. Paris. [hebdomad.]	749 Fr.
Riv. fis. mat. sc. nat., Pavia	Rivista di fisica, matematica e scienze naturali, Pavia.	164 It.
Riv. ital. paleont., Bologna	Rivista italiana di paleontologia, Bologna.	167 It.
Rochester, N.Y., Bull. Geol. Soc. Amer.	Bulletin of the Geological Society of America, Rochester, N.Y.	410 U.S.
Roma, Boll. Comitato geol.	Bollettino del R. Comitato geologico, Roma.	192 It.
Roma, Boll. Soc. geol. ital.	Bollettino della Società geologica italiana, Roma.	197 It.
Roma, Mem. Acc. Nuovi Lincei	Memorie dell' Accademia pontificia dei Nuovi Lincei, Roma.	204 It.
Roma, Rend. Acc. Lincei	Rendiconti della R. Accademia dei Lincei, Roma.	209 It.
Saecular-Feier Naturhist. Gesellsch. Nürnberg	Saecular-Feier der Naturhistorischen Gesellschaft in Nürnberg.	— Ger.
St. John's, N.B., Bull. Nat. Hist. Soc. New Brunsw.	Bulletin of the Natural History Society of New Brunswick, St. John's, New Brunswick.	29 Can.
St. Louis, Mo., Trans. Acad. Sci.	Transactions of the Academy of Science of St. Louis, St. Louis, Mo.	414 U.S.
St. Peterburg, Bull. Com. géol.	Изв'встія Геологическаго Коми- тета. СПетербургъ [Bulletin du Comité géologique. St Péters- bourg].	252 Russ.
St. Peterburg, Mém. Ac. Sc.	Записки Императорской Ака- деміи Наукъ по физико-мате- матическому отділенію. С Петербургь [Mémoires de l'Académie Impériale des Sciences. Classe des sciences physiques et mathématiques. StPétersbourg].	266 Russ.
St. Pétersbourg, Trav. sect. géol. Cab. S.M.I.	Travaux de la section géologique du Cabinet de sa Majesté Impériale.	_
Schr. Ver. Gesch. Bodensee, Lindau	Schriften des Vereins für Geschichte des Bodensees und seiner Umgebung. Lindau.	1301 Ger.
Stockholm, Geol. För. Förh.	Geologiska Föreningens i Stockholm förhandlingar. Stockholm. 8vo.	23 Swe.

Stockholm, VetAk. Bih	Bihang till Kongl. Svenska Vetenskaps- Akademiens Handlingar. Stockholm. 8vo.	39 Swe.
	[Published in four separate series, viz.] Afd. I. Matematik, astronomi, mekanik, fysik, meteoro- logi och beslägtade ämnen.	
	Afd. II. Kemi, mineralogi, geo- gnosi, fysisk geografi och beslägtade ämnen.	
	Afd. III. Botanik, omfattande både lefvande och fossila former.	
	Afd. IV. Zoologi, omfattande både lefvande och fossila former.	
Stockholm, VetAk. Handl.	Kongl. Svenska Vetenskaps-Akade- miens Handlingar. Stockholm. 4to.	40 Swe.
Stratford, Essex Nat	Essex Naturalist (Essex Field Club), Stratford.	123 U.K.
Stuttgart, Jahreshefte Ver. Natk.	Jahreshefte des Vereins für vaterländi- sche Naturkunde in Württemberg. Stuttgart. [jährl.]	1021 Ger.
Sv. Mosskult, Tidskr., Jönköping	Svenska Mosskultur-föreningens Tid- skrift. Jönköping. 8vo.	47 Swe.
Tagebl. intern. Zool- Congr., Berlin	Tageblatt des internationalen Zoolo- gen-Congresses, Berlin.	— Ger.
Termt. Közl., Budapest	Természettudományi Közlöny, Budapest. [Naturwissenschaftliche Mittheil- ungen, Budapest.]	16 Hun.
Tökyö, J. Coll. Sci	The Journal of the College of Science, Imperial University of Tōkyō, Japan. European languages.	28 Јар.
Torino, Mem. Acc. sc	Memorie della R. Accademia delle scienze, Torino.	228 It.
Trondhjem, kgl. Vid. selsk. Skr.	Det kongelige norske Videnskabernes Selskabs Skrifter, Trondhjem.	28 Nor.
Umschau, Frankfurt a. M.	Die Umschau. Uebersicht über die Fortschritte und Bewegungen auf dem Gesammtgebiet der Wissen- schaft, Technik, Litteratur und Kunst, hrsg. v. Bechhold. Frankfurt a. M. [wöch.]	1068 Ger.
Venezia, Atti Ist. ven	Atti del R. Istituto veneto di scienze, lettere ed arti, Venezia.	235 It.
Verh. intern. GeogrCongr., Berlin	Verhandlungen des internationalen Geographen-Congresses. Berlin.	— Ger.
Washington, D.C., Dept. Int. Rep. U.S. Geol. Surv.	Department of the Interior. Annual Report of the U.S. Geological Survey, Washington, D.C.	481 U.S.
Washington, D.C., Proc. Nation. Acad. Sci.	Proceedings of the National Academy of Sciences, Washington, D.C.	489 U.S.

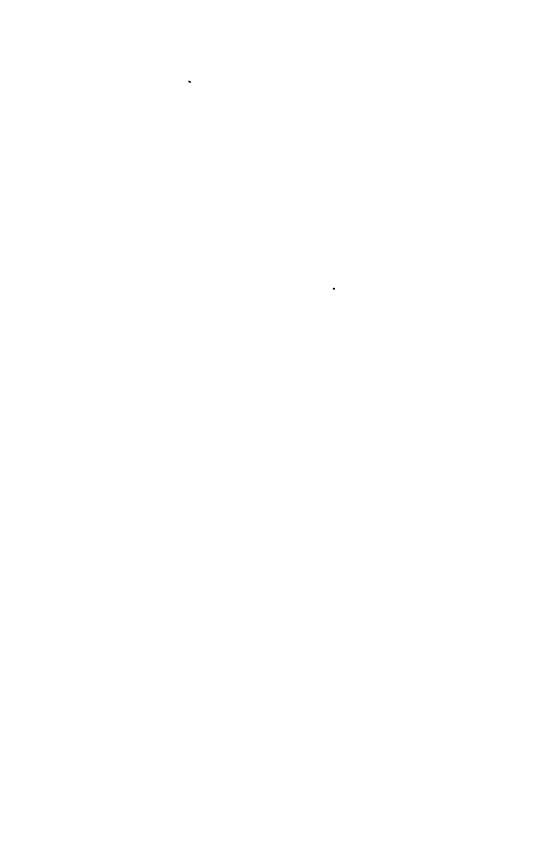
Washington, D.C. Rep. Smithsonian Inst. Na- tion. Mus.	Smithsonian Institution. U.S. National Museum. Annual Report of the Board of Regents of the Smithsonian Institution, Washington, D.C.	492 U.S.
Washington, D.C., Smith- sonian Inst. Nation. Mus. Proc.	Smithsonian Institution. U.S. National Museum. Proceedings, Washington, D.C.	499 U.S.
Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv.	Department of the Interior. Bulletin of the United States Geological Survey, Washington, D.C.	515 U.S.
Wyoming Hist. Geol. Soc. Proc., Wilkesbarre, Pa.	Wyoming Historical and Geological Society, Proceedings and Collections, Wilkesbarre, Pa.	538 U.S.
Zs. angew. Chem., Berlin	Zeitschrift für angewandte Chemie, hrsg. v. Fischer u. Wenghöffer. Ber- lin. [wöch.]	1156 Ger.
Zool. Anz., Leipzig	Zoologischer Anzeiger, hrsg. v. Carus. Leipzig. [2-3 Nrn monatl.]	1148 Ger.
Zool. Jahrb., Jena	Zoologische Jahrbücher, hrsg. v. Spengel. 1. Abth. für Anatomie. 2. Abth. für Systematik. Jena. [Die Abth. 4 H. jährl.] Nebst Supple- menten.	1151 Ger.
Zoologica, Stuttgart	Zoologica. Original-Abhandlungen aus dem Gesammtgebiete der Zoologie, hrsg. v. Chun. Stuttgart. [3-4 H. jährl.]	1153 Ger.
Zs. Natic., Stuttgart	Zeitschrift für Naturwissenschaften. Organ des naturwissenschaftlichen Vereins für Sachsen und Thüringen. Stuttgart. [2 monatl.]	1214 Ger.

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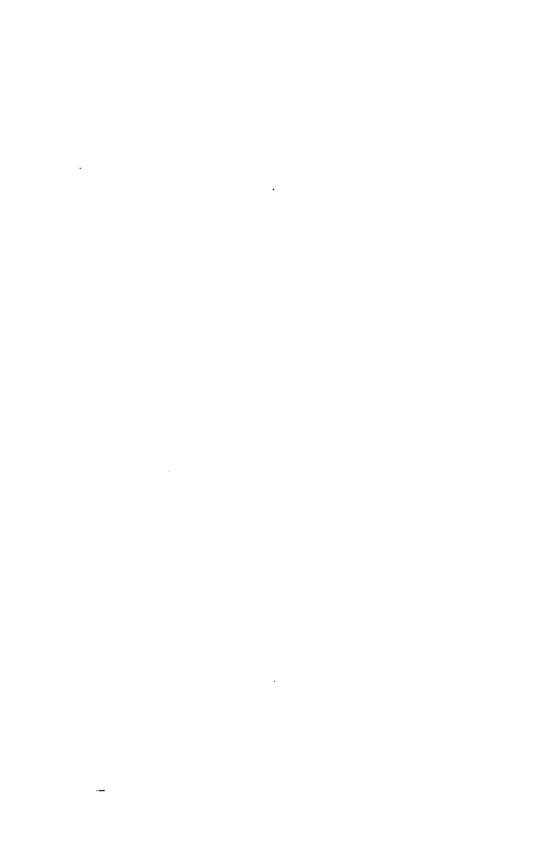














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